

云舰化工  
YUNJIAN CHEMICAL

化学原料综合服务商  
助剂产品

云舰化工  
YUNJIAN CHEMICAL

各地办事处:

江苏办事处: 江阴市通渡北路299号

黄埔办事处: 广州市黄埔区荔香路10号321房

增城办事处: 广州市增城区宁西街金融大道10号C栋3层

韶关办事处: 韶关市武江区西联镇碧桂园芙蓉二街一座902

电话: 020-82013907

传真: 020-82013925

网址: WWW.YUNJIANMAOYI.COM

# 助剂产品

ADDITIVE PRODUCTS

YUNJIAN CHEMICAL TECHNOLOGY CO., LTD.

服务 · 诚信 · 高效 · 创新  
Service · Integrity · Efficiency · Innovation



## 产品目录

树脂类TDS  
RESIN TDS CATALOGUE

特殊单体  
SPECIAL MONOMER

无机化学  
INORGANIC CHEM

溶剂类  
SOLVENTS

环氧固化剂  
EPOXY HARDENER

助剂产品  
ADDITIVE PRODUCTS

云舰(广州)进出口贸易有限公司于2013年成立, 2018年成立江苏云舰化工科技有限公司, 主要经营有机溶剂、助剂、无机化学原料、丙烯酸单体、甲基丙烯酸单体、特种化学单体、表面活性剂、实验室耗材、精密仪器等。是一家服务于涂料、油墨、树脂、胶粘、医药、广告以及日化等行业的综合服务商。公司在广州、东莞、韶关、江苏设有销售服务点, 与国内外多家生产厂商和代理商建立了长期稳定的合作关系, 现经营的产品品种齐全、质量过硬, 价格合理, 客户遍布全国。公司秉承着“专业、诚信”的经营理念, 以“保证产品质量”为原则, 致力于提供质量过硬的产品及一流的服务, 让客户满意是我们一直不懈追求的目标。我们多年的不断地创新, 永不停止探索和发展的脚步, 只为给您提供更优质的产品和服务, 我们期待与您携手并进, 共创辉煌。

Yunjian (Guangzhou) Import & Export Trading Co., Ltd. established in 2013, with Jiangsu Yunjian Chemical Technology Co., Ltd. established in 2018, mainly engaged in organic solvents, additives inorganic chemical raw materials, acrylic monomers, methacrylic monomers, specialty chemical monomers, surfactants, laboratory consumables, precise instruments, etc.

As an integrated industry service provider on coatings, printing ink, resin, adhesive, pharmaceuticals advertising and daily chemical and so on, we have customers all over China. Meanwhile, having long-term stable partnerships with a number of domestic and foreign manufacturers and agents, we have already been buliting one-stop sites in Guangzhou, Dongguan, Shaoguan, and Jiangsu. We have been mainlyengaging products covering complete varieties, excellent quality and reasonable price.

Adhering to the “professional, integrity” business philosophy, “quality assurance” as the principle, we areproviding quality products and first-class services. “customer satisfaction” is always our unswerving pursuil of the goal. Through years of continuous innovation and never-ceasing from exploration and development. we only to provide you the best products and best service. We sincerely welcome you to negotiate cooperation, hand in hand!



## WAREHOUSING LOGISTICS

### 仓储物流



云舰化工华南地区以广州、东莞、广东韶关为中心设仓储, 物流调度覆盖广东、福建、江西、湖南、广西等地区江苏云舰化工华东地区以无锡为中心设仓储, 物流调度覆盖江苏、上海、浙江、河南、河北、山东、安徽等地区云舰化工西南地区以四川成都为中心设仓储, 物流调度覆盖四川、重庆、武汉、陕西、甘肃等地区。

序号 No	云舰助剂型号 Model No	助剂类型 Additive Types
1.	Yj9115	脱水剂 Dehydrating Agent
2.	Yj9111	耐盐雾助剂 Salt Spray Resistance Additive
3.	Yj9025	有机铋催干剂 Drier Additive
4.	Yj9012	有机锡催干剂 Drier Additive
5.	Yj9401	润湿分散剂 Wetting and Dispersing Agent
6.	Yj9161	分散剂 Dispersing Agent
7.	Yj9163	分散剂 Dispersing Agent
8.	Yj9110	润湿分散剂 Wetting and Dispersing Agent
9.	Yj9190	水性润湿分散剂 Waterborne Wetting and Dispersing Agent
10.	Yj9755	水性润湿分散剂 Waterborne Wetting and Dispersing Agent
11.	Yj9760	水性润湿分散剂 Waterborne Wetting and Dispersing Agent
12.	Yj9141	消泡剂 Defoamer
13.	Yj9680	消泡剂 Defoamer

市面产品对标型号 Market Equivalent Models	油/水 Solvent/Water-based/UV
BF-5脱水剂 BF-5 Dehydrating Agent	水性/油性 Waterborne / Solvent-based
耐盐雾助剂 Salt Spray Resistance Additive	水性 Waterborne
有机铋催干剂 Organic Bismuth Drier	水性/油性/UV Waterborne / Solvent-based / UV
有机锡催干剂 Organic Tin Drier	水性/油性/UV Waterborne / Solvent-based / UV
EFKA4010润湿分散剂 EFKA4010 Wetting and Dispersing Agent	油性 Solvent-based
BYK161分散剂 BYK161 Dispersing Agent	油性 Solvent-based
BYK163分散剂 BYK163 Dispersing Agent	油性 Solvent-based
BYK110润湿分散剂 BYK110 Wetting and Dispersing Agent	油性 Solvent-based
BYK190水性润湿分散剂 BYK190 Waterborne Wetting and Dispersing Agent	水性 Waterborne
Tego755W水性润湿分散剂 Tego755W Waterborne Wetting and Dispersing Agent	水性 Waterborne
Tego760W水性润湿分散剂 Tego760W Waterborne Wetting and Dispersing Agent	水性 Waterborne
BYK141消泡剂 BYK141 Defoaming Agent	油性 Solvent-based
海明斯德谦6800消泡剂 Haimen Soken 6800 Defoaming Agent	油性 Solvent-based



序号 No	云舰助剂型号 Model No	助剂类型 Additive Types
14.	Yj9530	消泡剂 Defoamer
15.	Yj9300	消泡剂 Defoamer
16.	Yj9521	润湿剂 Wetting Agent
17.	Yj9245	润湿剂 Wetting Agent
18.	Yj9377	润湿流平剂 Wetting and Leveling Agent
19.	Yj9450	流平剂 Leveling Agent
20.	Yj9410	手感流平剂 Hand-feel Leveling Agent
21.	Yj9333	流平剂 Leveling Agent
22.	Yj9306	流平剂 Leveling Agent
23.	Yj9361	流平剂 Leveling Agent
24.	Yj9358	流平剂 Leveling Agent
25.	Yj9432	流平剂 Leveling Agent

市面产品对标型号 Market Equivalent Models	油/水 Solvent/Water-based/UV
海明斯德谦5300消泡剂 Haimen Soken 5300 Defoaming Agent	油性 Solvent-based
300+消泡剂 300+ Defoaming Agent	油性 Solvent-based
道康宁5211润湿剂 Dow Corning 5211 Wetting Agent	水/油/UV Waterborne / Solvent-based / UV
Tego245润湿剂 Tego245 Wetting Agent	水性 Waterborne
EFKA3777润湿流平剂 EFKA3777 Wetting and Leveling Agent	油性 Solvent-based
Tego450流平剂 Tego450 Leveling Agent	水/油/UV Waterborne / Solvent-based / UV
Tego410手感流平剂 Tego410 Touch-Feel Leveling Agent	水/油/UV Waterborne / Solvent-based / UV
BYK333流平剂 BYK333 Leveling Agent	水/油/UV Waterborne / Solvent-based / UV
BYK306流平剂 BYK306 Leveling Agent	油性 Solvent-based
BYK361N流平剂 BYK361N Leveling Agent	油性 Solvent-based
BYK358N流平剂 BYK358N Leveling Agent	油性 Solvent-based
Tego432流平剂 Tego432 Leveling Agent	UV UV



Yj9115脱水剂产品技术说明书

产品说明	Yj9115脱水剂适用于双组份聚氨酯漆中脱除水份,可与水份或含有活性氢原子的物质反应,与PU使用的有机溶剂相溶性好,主要脱除溶剂中所含的水份或湿气。9115脱水剂是一种高反应的低粘度酯类化合物,它可以与水或含有活性氢原子的物质反应,通过这一反应,可以消除体系中极微量的水份,从而解决了在聚氨酯漆、粘合剂在制备中因水分而引起的涨灌、暗泡等问题。	
物性参数	外观(目视)	水白透明液体
	组成	含多官能团酯类化合物
	折射率(25℃)	1.401~1.409
	有效成份	100%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•防止水分和金属锌或铝反应,防止涨灌或铝粉发黑 •解决了在聚氨酯漆、粘合剂在制备中因水分而引起的涨灌、暗泡等问题。	
推荐用途	应用于湿固化单组分和传统双组份的PU漆体系中,可以在制漆过程中作为溶剂、填充料、颜料和沥青焦油等的脱水剂,其与水反应生成二氧化碳和低分子量的醇,静置情况下会自然挥发掉,不会影响溶剂性能。在环氧富锌底漆和银粉漆中脱水,防止水分和金属锌或铝反应,防止涨罐或铝粉发黑。	
建议用量	可以在任意阶段加入,但须搅拌均匀,添加量为全配方量0.5~4%。用于稀释固化剂时,建议先将9115加入溶剂中搅拌均匀,静置15min充分脱水后在与固化剂相配,从而增加固化剂的稳定性。	
包装	25kg铁桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9115 Dehydrating Agent

Product Description	Yj9115 is a dehydrating agent designed for removing moisture from two-component polyurethane paint. It can react with moisture or substances containing active hydrogen atoms and has good compatibility with organic solvents used in PU. It is mainly used to remove moisture or moisture contained in the solvents. 9115 dehydrating agent is a highly reactive low-viscosity ester compound. It can react with water or substances containing active hydrogen atoms. Through this reaction, it can eliminate extremely trace amounts of water in the system, thereby solving problems such as swelling and dark bubbles caused by water in the preparation of polyurethane paint and adhesives.	
Physical Properties	Appearance (Visual)	Water-white transparent liquid
	Composition	Multifunctional ester compounds
	Refractive Index (25℃)	1.401~1.409
	Active Content	100%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	•Prevent moisture from reacting with metallic zinc or aluminum, and avoid overfilling or blackening of aluminum powder •Solved problems such as swelling and dark bubbling caused by moisture during the preparation of polyurethane paint and adhesives.	
Recommended Applications	Yj9115 is suitable for use in both moisture-cured single-component and traditional two-component PU coating systems. It can be used during the paint manufacturing process to dehydrate solvents, fillers, pigments, bituminous materials, and more. Upon reaction with water, it forms carbon dioxide and low-molecular-weight alcohols that naturally volatilize without compromising the solvent's performance. It is also highly recommended for use in epoxy zinc-rich primers and aluminum (silver) paints to prevent unwanted reactions between water and metallic components.	
Recommended Applications	• Can be added at any stage of the formulation process, but must be thoroughly mixed. • Typical addition level: 0.5–4% by total formulation weight. • When used to dilute hardeners, it is recommended to first dissolve Yj9115 in solvent and stir thoroughly. Allow to stand for 15 minutes to ensure complete dehydration before mixing with the hardener to enhance stability.	
Packaging	25 kg metal drums	
Storage	• Store in a sealed container at 5–35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9111耐盐雾剂产品技术说明书

产品说明	<p>Yj9111是电泳漆专用的耐盐雾剂，其具有良好的热稳定性和化学稳定性，且柔韧性佳，能很好的提升漆膜韧性的同时并增强防腐性能和耐冲击强度、抗老化能力，并可大幅提升耐盐雾性能，尤其推荐应用于电泳漆，对提升耐盐雾性能和增强附着力效果特别优秀。</p>	
物性参数	外观(目视)	无色至淡黄色透明粘稠液体
	有效成份	100%
	酸值	≤0.1mgKOH/g
	羟值	220~230mgKOH/g
	*此数据仅供参考，应遵循的产品规格以最终发布的资料为准。	
产品特点	应用于电泳漆有特别好的耐盐雾性能以及提升附着力效果。	
推荐用途	环氧体系、丙烯酸体系以及聚氨酯体系电泳漆。	
建议用量	总配方量的0.5-3%	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存； 在此条件下，本品储存稳定性为12个月；	
安全及注意	避免沾触皮肤眼睛及衣物，操作时请戴防护手套； 泄露时用布擦拭干净，并且用水清洗； 详细说明请参阅物质安全说明表(MSDS)； 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9111 Salt Spray Resistance Additive

Product Description	<p>Yj9111 is a specialized additive designed to enhance salt spray resistance in electrophoretic coatings (e-coats). It exhibits excellent thermal and chemical stability along with outstanding flexibility. The additive significantly improves film toughness, corrosion resistance, impact strength, and anti-aging performance. It is especially effective in substantially enhancing salt spray resistance and improving coating adhesion. Yj9111 is particularly recommended for use in e-coat systems where superior anti-corrosion performance is required.</p>	
Physical Properties	Appearance (Visual)	Colorless to light yellow, transparent viscous liquid
	Active Content	100%
	Acid Value	≤0.1mgKOH/g
	Hydroxyl Value	220~230mgKOH/g
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	particularly good salt spray resistance and adhesion enhancement effect when applied to electrophoretic paint.	
Recommended Applications	Suitable for use in e-coating systems based on: •Epoxy resins •Acrylic resins •Polyurethane resins	
Recommended Applications	0.5–3% of the total formulation weight.	
Packaging	25 kg plastic drums	
Storage	Store in a sealed container at 5–35°C. · Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9025催干剂产品技术说明书

产品说明	Yj9025是环保型有机铋催干剂，在某些聚氨酯工业中，用于替代已被禁止的二月桂酸二丁基锡（有机锡催干剂）。	
物性参数	外观(目视)	淡棕色至黄棕色透明液体
	有效成份	20%±1%
	活性分	>99%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	<div><div>•易溶解在各种溶剂型聚氨酯体系中，适合于各类水性体系，通用性佳；</div><div>•安全环保，可取代铅汞和正在被立法废除的锡，低凝固点，易于操作，低挥发性且低气味或无气味；</div><div>•有更好的耐水解稳定性，降低与水反应的选择性，在水系PU分散液中减少水与NCO基的副反应；促进-NCO与-OH反应，避免NCO 副反应，减少二氧化碳的生成；在单组份体系中，把被水屏蔽的胺解放出来，而不是促进NCO与水的反应；</div><div>•单独使用，或与有机胺或其它有机金属化合物配合使用。</div></div>	
推荐用途	溶剂型、无溶剂型涂料、油墨；水性涂料、水性油墨	
建议用量	可在生产的任何阶段加入，推荐用量：为全配方量的0.3-0.6％	
包装	25kg塑胶桶	
储存	<div>应在5～35℃适当密封容器中储存；</div> <div>在此条件下,本品储存稳定性为12个月；</div>	
安全及注意	<div>避免沾触皮肤眼睛及衣物，操作时请戴防护手套；</div> <div>泄露时用布擦拭干净,并且用水清洗；</div> <div>详细说明请参阅物质安全说明表(MSDS)；</div> <div>每批次货物需检测后才能投入生产。</div>	

Technical Data Sheet Yj9025 Drier Additive

Product Description	Yj9025isanenvironmentallyfriendlyorganobismuth-baseddrierdesigned for use in various polyurethane systems. It serves as a substitute for the banneddibutyltindilaurate(DBTDL),atraditionalorganotinocatalyst.	
Physical Properties	Appearance (Visual)	Light brown to yellow-brown transparent liquid
	Active Content	20% ± 1%
	Active Ingredient Purity	>99%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	<div><div>•Excellentsolubilityinvarioussolvent-basedpolyurethanesystems;highcompatibilitywithabroad rangeofwaterbornesystems.</div><div>•Safeandeco-friendly,servingasasubstituteforlead,mercury,andtincompounds,whicharebeing phasedoutbyenvironmentalregulations.</div><div>•Lowfreezingpoint,easytohandle,lowvolatility,andminimaltonoodor,makingitidealforuser-friendlyoperations.</div><div>•Superiorhydrolyticstability,significantlyreducingthesidereactionsbetweenwaterandisocyanate (NCO)groupsinaqueousPUdispersions.</div><div>•Promotes NCO–OH reaction, suppresses unwanted NCO–H<sub>2</sub>O side reactions, and reduces CO<sub>2</sub> generation.</div><div>•In one-component systems, it liberates amines blocked by water rather than accelerating the NCO–water reaction.</div><div>•Can be used independently or in combination with organic amines or other organometallic compounds to enhance catalytic efficiency.</div></div>	
Recommended Applications	<div><div>•Solvent-based and solvent-free coatings and inks</div><div>•Waterborne coatings and inks</div></div>	
Suggested Dosage	<div><div>•May be added at any stage of the manufacturing process.</div><div>•Recommended dosage: 0.3% to 0.6% of the total formulation by weight.</div></div>	
Packaging	25 kg plastic drums	
Storage	<div><div>• Store in a sealed container at 5–35°C.</div><div>• Under proper storage conditions, product stability is guaranteed for 12 months.</div></div>	
Safety and Handling	<div>Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling.</div> <div>In case of spillage, wipe with a clean cloth and rinse with water.</div> <div>Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines.</div> <div>Each batch must be quality-tested prior to use in production.</div>	



Yj9012催干剂产品技术说明书

产品说明	Yj9012有效成分为二月桂酸二丁基锡，是一种沸点很高的有机锡化合物，在聚氨酯涂料、电镀涂料、聚氨酯泡沫、涂层、粘合剂及密封胶的制造中用作为高效催化剂使用；在有机硅橡胶模具制品、PVC塑料制品，如薄膜、半硬质薄片、透明管等作热稳定剂使用。能溶于所有增塑剂、苯、甲苯、丙酮等有机溶剂，不溶于水，是一种强效的催化剂。	
物性参数	外观(目视)	无色透明或微黄色液体
	有效成份	18%±1%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	对双分子聚氨酯、聚酯、硝基漆、涂料用固化剂、油墨等涂料和湿气硬化型涂料具有优良的催干性，在聚氨酯高级家具漆中能加速PU固化，促进漆膜快速干燥而且平整光滑又硬度极佳的漆膜；在PU硬化剂中，其氧化稳定性好。	
推荐用途	Yj9012催化剂在硬性聚氨酯制造中大派用场。在单独使用氨基催化剂而呈现催化作用不足的应用中，有机金属物如9012催化剂能与氨基催化剂产生一种活性增加的协合效果，因而适用于要求高速催化作用的硬性泡沫制造。即使高密度结构用泡沫、喷涂墙壁。	
建议用量	等量代替有机锡，部分反应需要多添加10-20%的催化剂用量。	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存； 在此条件下，本品储存稳定性为12个月；	
安全及注意	避免沾触皮肤眼睛及衣物，操作时请戴防护手套； 泄露时用布擦拭干净，并且用水清洗； 详细说明请参阅物质安全说明表 (MSDS) ； 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9012 Drier Additive

Product Description	Yj9012 is a high-boiling organotin compound with dibutyltin dilaurate (DBTDL) as its active ingredient. It is used as an efficient catalyst in the manufacturing of polyurethane coatings, electroplating coatings, polyurethane foams, coatings, adhesives and sealants. Additionally, it functions as a heat stabilizer in silicone rubber mold products and PVC plastic products, such as films, semi-rigid thin sheets, transparent tubes, etc. It is soluble in all plasticizers, benzene, toluene, acetone, and other organic solvents, but insoluble in water, making it a potent catalyst in various systems.	
Physical Properties	Appearance (Visual)	Colorless transparent or slightly yellow liquid
	Active Content	18% ± 1%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	<ul style="list-style-type: none"><li>• Provides excellent drying acceleration in dual-component polyurethane, polyester systems, nitrocellulose paints, curing agents, inks, and moisture-curing coatings.</li><li>• In polyurethane high-grade furniture paint, it can accelerate the curing of PU, promote the rapid drying of the paint film, and create a smooth, flat and extremely hard paint film.</li><li>• In polyurethane hardeners, Yj9012 exhibits excellent oxidative stability.</li></ul>	
Recommended Applications	Yj9012 is particularly effective in the production of rigid polyurethane foams. In applications where amine catalysts alone are insufficient, Yj9012, as an organometallic catalyst, demonstrates synergistic enhancement when combined with amine catalysts, making it ideal for high-speed curing processes. Suitable for use in high-density foam structures and spray-applied insulation systems.	
Suggested Dosage	<ul style="list-style-type: none"><li>• Can be used as a 1:1 replacement for other organotin catalysts.</li><li>• In some cases, a 10–20% increase in catalyst dosage may be necessary depending on the specific reaction requirements</li></ul>	
Packaging	25 kg plastic drums	
Storage	<ul style="list-style-type: none"><li>• Store in a sealed container at 5–35°C.</li><li>• Under proper storage conditions, product stability is guaranteed for 12 months.</li></ul>	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9401润湿分散剂产品技术说明书

产品说明	Yj9401是一种主要为稳定无机颜料包括碳黑而开发的高分子分散剂,在很多有机颜料中它也能提供很好的效能。拥有良好的性价比,是传统的润湿分散剂。将使用4010高分子分散剂的无机颜料色浆,能取得很好的抗浮色发花效果。	
物性参数	外观(目视)	浅黄色液体
	组成	高分子改性聚氨酯
	有效成份	50±2%
	溶剂	丁酯/烷基苯
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	减少分散时间、提高光泽度、防止浮色和发花的问题、提高颜料着色力	
推荐用途	Yj9401分散剂可用于从一般装饰涂料到工业涂料中的多数溶剂型涂料中,也可在溶剂型低树脂量的通用色浆中使用。	
建议用量	添加量是基于分散剂的固体量对颜料量的比例,Yj9401分散剂应在研磨阶段未加进颜料时加入使用。 钛 白 粉:10%按吸油值            1-3%按颜料 无机颜料:1.0%按吸油值        24%按颜料 有机颜料:25-50%按BET值       15-25%按颜料 炭     黑:20%按DBP值           20-35%按颜料	
包装	25kg塑胶桶	
储存	应在5~35°C适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9401 Wetting and Dispersing Agent

Product Description	Yj9401 is a high molecular weight dispersant specifically developed to stabilize inorganic pigments, including carbon black. It also delivers excellent performance with many organic pigments. Offering an excellent cost-performance ratio, it is a traditional wetting and dispersing agent. When used in inorganic pigment color paste using 4010 high-molecular dispersant 4010, it effectively prevents flooding and floating issues.													
Physical Properties	Appearance (Visual)	Light yellow liquid												
	Composition	Polymer-modified polyurethane												
	Active Content	50% ± 2%												
	Solvent	Butyl ester / alkylbenzene												
	* The data above is for reference only. Final product specifications should be based on the official product release.													
Features	•Reduces dispersion time •Enhances gloss •prevent the problems of floating color and mottling •Improves tinting strength of pigments													
Recommended Applications	Yj9401 is suitable for use in a wide range of solvent-based coating systems, from general decorative paints to industrial coatings. It is also applicable in universal colorants with low resin content.													
Suggested Dosage	The recommended dosage is based on the active solids content of the dispersant relative to the pigment weight. Yj9401 should be added during the grinding phase prior to the pigment addition. <table><tr><td>Titanium Dioxide</td><td>10% (based on oil absorption)</td><td>1-3% (Based on Pigment Weight)</td></tr><tr><td>Inorganic Pigments</td><td>1.0% (based on oil absorption)</td><td>2-4% (Based on Pigment Weight)</td></tr><tr><td>Organic Pigments</td><td>25-50% (based on BET surface area)</td><td>15-25% (Based on Pigment Weight)</td></tr><tr><td>Carbon Black</td><td>20% (based on DBP absorption value)</td><td>20-35% (Based on Pigment Weight)</td></tr></table>		Titanium Dioxide	10% (based on oil absorption)	1-3% (Based on Pigment Weight)	Inorganic Pigments	1.0% (based on oil absorption)	2-4% (Based on Pigment Weight)	Organic Pigments	25-50% (based on BET surface area)	15-25% (Based on Pigment Weight)	Carbon Black	20% (based on DBP absorption value)	20-35% (Based on Pigment Weight)
Titanium Dioxide	10% (based on oil absorption)	1-3% (Based on Pigment Weight)												
Inorganic Pigments	1.0% (based on oil absorption)	2-4% (Based on Pigment Weight)												
Organic Pigments	25-50% (based on BET surface area)	15-25% (Based on Pigment Weight)												
Carbon Black	20% (based on DBP absorption value)	20-35% (Based on Pigment Weight)												
Packaging	25 kg plastic drums													
Storage	• Store in a sealed container at 5-35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.													
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.													

Yj9161分散剂产品技术说明书

产品说明	Yj9161分散剂是含颜料亲和基团的高分子量嵌段共聚物溶液。	
物性参数	外观(目视)	浅黄色液体
	组成	高分子嵌段共聚物溶液
	有效成份	30±1%
	溶剂	乙酸丁酯/PMA
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	<div><div>•对不同颜料提供相同的电荷,因而使电荷不同的颜料避免了可能的共絮凝;</div><div>•由于解絮凝的颜料颗粒很小,可获得高光泽、且增进颜色强度。</div></div> 增加了透明颜料的透明度和不透明颜料的遮盖力; <div>•降低粘度,因而改进了流平性,并能提高颜料的含量。</div>	
推荐用途	工业涂料、汽车修补漆、汽车生产线用漆(OEM)、卷材涂料、木器 涂料、建筑涂 料、颜料浓缩浆。	
建议用量	<div>先将树脂和溶剂组份预混合,慢加入9161后混合均匀,再加颜料。</div> <div>无机颜料:10%-15%</div> <div>二氧化钛:3%-6%</div> <div>有机颜料:30%- 90%</div> <div>碳黑:60%-120%</div>	
包装	25kg铁桶	
储存	<div>应在5~35℃适当密封容器中储存;</div> <div>在此条件下,本品储存稳定性为12个月;</div>	
安全及注意	<div>避免沾触皮肤眼睛及衣物,操作时请戴防护手套;</div> <div>泄露时用布擦拭干净,并且用水清洗;</div> <div>详细说明请参阅物质安全说明表(MSDS);</div> <div>每批次货物需检测后才能投入生产。</div>	

Technical Data Sheet Yj9161 Dispersing Agent

Product Description	Yj9161 is a solution of a high molecular weight block copolymer containing pigment-affinitive functional groups.	
Physical Properties	Appearance (Visual)	Light yellow liquid
	Composition	High molecular weight block copolymer solution
	Active Content	30% ± 1%
	Solvent	Butyl acetate / PMA (propylene glycol monomethyl ether acetate)
	* The data above is for reference only. Final product specifications should be based on the official product release.	
	<div>•Provides the same charge to different pigments, preventing possible co-flocculation of pigments with different charges.</div> <div>•Due to the small size of the pigment particles used for flocculation, resulting in higher gloss and enhanced color strength</div> <div>•Improves transparency of transparent pigments and coverage of opaque pigments</div> <div>•Reduces system viscosity, enhances leveling properties, and allows for higher pigment loading</div>	
Recommended Applications	<div>Yj9161 is suitable for a wide range of applications including:</div> <div>•Industrial coatings</div> <div>•Automotive refinish coatings</div> <div>•OEM automotive coatings</div> <div>•Coil coatings</div> <div>•Wood coatings</div> <div>•Architectural coatings</div> <div>•Pigment concentrates</div>	
Suggested Dosage	Pre-mix resin and solvent components, then slowly add Yj9161 and mix thoroughly before pigment addition.	
	Inorganic Pigments	10–15% (based on pigment weight)
	Titanium Dioxide	3–6% (based on pigment weight)
	Organic Pigments	30–90% (based on pigment weight)
	Carbon Black	60–120% (based on pigment weight)
Packaging	25 kg metal drums	
Storage	<div>• Store in a sealed container at 5–35°C.</div> <div>• Under proper storage conditions, product stability is guaranteed for 12 months.</div>	
Safety and Handling	<div>Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling.</div> <div>In case of spillage, wipe with a clean cloth and rinse with water.</div> <div>Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines.</div> <div>Each batch must be quality-tested prior to use in production.</div>	



Yj9163分散剂产品技术说明书

产品说明	Yj9163分散剂是含颜料亲和基团的高分子量嵌段共聚物溶液。溶剂型涂料和颜料浓缩浆用润湿分散剂,可稳定各类颜料,具有宽广的相容性,适用于以醛基或丙烯酸树脂为研磨树脂的溶剂型通用颜料浓缩浆。	
物性参数	外观(目视)	浅黄色液体
	组成	高分子嵌段共聚物溶液
	有效成份	45±1%
	溶剂	乙酸丁酯/二甲苯/PMA
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•对颜料颗粒提供相同的电荷,由此产生的排斥力和为阻稳定可有效避免可能的共絮凝,使多颜料体系不会产生浮色和发花; •解絮凝性能可增加涂料的光泽、颜色强度、透明性和遮盖力,同时降低; •发送润湿性能,降低研磨料的研磨时间及粘度。	
推荐用途	工业涂料、汽车修补漆、汽车生产线用漆(OEM)、卷材涂料、木器涂料、建筑涂料、颜料浓缩浆	
建议用量	先将树脂和溶剂组份预混合,慢加入9163分散剂后混合均匀,再加颜料。 无机颜料:10%-15% 二氧化钛:3%-5% 有机颜料:30%- 90% 碳黑:80%-120%	
包装	25kg铁桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9163 Dispersing Agent

Product Description	Yj9163 is a solution of a high molecular weight block copolymer containing pigment-affinitive functional groups. It serves as a wetting and dispersing agent for solvent-based coatings and pigment concentrates. It effectively stabilizes a wide range of pigments and exhibits broad compatibility. It is particularly suitable for universal solvent-based pigment concentrates prepared with aldehyde or acrylic resins as the grinding resin.	
Physical Properties	Appearance (Visual)	Light yellow liquid
	Composition	High molecular weight block copolymer solution
	Active Content	45% ± 1%
	Solvent	Butyl acetate / Xylene / PMA (Propylene Glycol Monomethyl Ether Acetate)
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	•Providing the same charge to the pigment particles, the resulting repulsive force and resistance stability can effectively prevent possible co-flocculation, ensuring that the multi-pigment system does not produce floating color or mottling. • The flocculation performance can enhance the gloss, color intensity, transparency and covering power of the coating, while reducing. • Enhanced wetting performance reduces grinding time and slurry viscosity	
Recommended Applications	Yj9163 is ideal for use in: •Industrial coatings                      •Wood coatings •Automotive refinish coatings        • Architectural coatings •OEM automotive coatings            •Pigment concentrates •Coil coatings	
Suggested Dosage	Pre-mix resin and solvent components, then slowly add Yj9161 and mix thoroughly before pigment addition. Inorganic Pigments                      10-15% (based on pigment weight) Titanium Dioxide                         3-6% (based on pigment weight) Organic Pigments                         30-90% (based on pigment weight) Carbon Black                              60-120% (based on pigment weight)	
Packaging	25 kg metal drums	
Storage	• Store in a sealed container at 5-35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9110润湿分散剂产品技术说明书

产品说明	Yj9110是一种改进型含酸性基团之共聚体混合物,可广泛适用于聚酯漆、卷材漆、防腐漆、汽车漆、油墨之无机颜料/有机颜料润湿、降粘。	
物性参数	外观(目视)	浅黄至棕红透明液体
	组成	含有酸性基团的共聚物乳液
	折射率(25℃)	1.495~1.499
	有效成份	50±1%
	溶剂	二甲苯
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•迅速降低研磨体系的粘度,提高分散效率,赋予颜料浆极佳的流动性和高颜料含量; •极优异的颜料润湿性,增加颜料的展色力和鲜艳度; •增进涂膜光泽,提高颜料的遮盖力。	
推荐用途	适用于聚酯漆、卷材漆、防腐漆、汽车漆、油墨的无机颜料/有机颜料润湿、降粘	
建议用量	先将分散剂加入研磨基料中,搅匀后再加入颜填料,加完颜填料后高速分散,添加量为颜填料量: 有机颜料5-15% 无机颜料1.5-5% 碳 黑5-20%	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9110 Wetting and Dispersing Agent

Product Description	Yj9110 is a modified copolymer mixture containing acidic functional groups. It is widely applicable in polyester coatings, coil coatings, anti-corrosion coatings, automotive coatings, and inks for the wetting and viscosity reduction of both inorganic and organic pigments.	
Physical Properties	Appearance (Visual)	Light yellow to reddish-brown transparent liquid
	Composition	Copolymer emulsion containing acidic groups
	Refractive Index (25℃)	1.495–1.499
	Active Content	50% ± 1%
	Solvent	Dimethylbenzene (xylene isomers)
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	•Rapidly reduces the viscosity of the grinding system, improving dispersion efficiency and enabling pigment pastes with excellent flowability and high pigment loading •Outstanding pigment wetting enhances color strength and chromatic vividness •Improves film gloss and increases pigment hiding power	
Recommended Applications	Yj9110 is suitable for wetting and viscosity reduction of inorganic and organic pigments in: •Polyester coatings •Coil coatings •Anti-corrosion coatings •Automotive coatings •Inks	
Suggested Dosage	Add Yj9110 to the grinding base first and mix thoroughly before pigment and filler addition. After all pigments are added, proceed with high-speed dispersion. Organic Pigments            5–15% (based on pigment weight) Inorganic Pigments        1.5–5% (based on pigment weight) Carbon Black                5–20% (based on pigment weight)	
Packaging	25 kg plastic drums	
Storage	• Store in a sealed container at 5–35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9190水性润湿分散剂产品技术说明书

产品说明	Yj9190是含颜料亲和基团的高分子量嵌段共聚物溶液,是不含VOC和溶剂的润湿分散剂,用于水性涂料体系、印刷油墨和胶粘剂,是用于无树脂颜料浓缩浆的标准助剂,适用于各种颜料。	
物性参数	外观(目视)	微黄粘稠液体
	组成	高分子嵌段共聚物溶液
	溶剂	水
	胺值	8~10mg KOH/g
	酸值	13~16mg KOH/g
	有效成份	45±1%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	通过空间位阻稳定作用而使颜料解絮凝。由于解絮凝的颜料粒径微小,因此能够获得高光泽,以及增进颜色强度。此外,透明颜料的透明度和不透明颜料的遮盖力也得到提高。由于粘度的降低,流动性能得到改善,并能提高颜料的含量。	
推荐用途	建筑涂料、木器和家具涂料、汽车涂料、罐听涂料、防腐涂料、皮革涂料、印刷油墨。	
建议用量	助剂用量基于： 无机颜料:5-20% 钛白粉:5-20% 有机颜料:30-90% 炭黑:50-150% 以上推荐添加量供参考,添加量需经过一系列试验确定。 加入方法及加工指导研磨只可在水中进行(不含树脂、胺和助溶剂)。将助剂与水进行混合,然后须在助剂充分分散均匀之后方可加入颜料。	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存； 在此条件下,本品储存稳定性为12个月；	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套； 泄露时用布擦拭干净,并且用水清洗； 详细说明请参阅物质安全说明表(MSDS)； 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9190 Waterborne Wetting and Dispersing Agent

Product Description	Yj9190 is a high molecular weight block copolymer solution containing pigment-affinitive functional groups. It is a VOC-free, solvent-free wetting and dispersing agent designed for use in waterborne coating systems, printing inks, and adhesives. It is the standard additive for resin-free pigment concentrates and is suitable for use with various types of pigments.	
Physical Properties	Appearance (Visual)	Pale yellow viscous liquid
	Composition	High molecular weight block copolymer solution
	Solvent	Water
	Amine Value	8-10 mg KOH/g
	Acid Value	13-16 mg KOH/g
	Active Content	45 ± 1%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• The pigment is de-flocculated through the steric hindrance stabilization effect. • Very fine pigment particle sizes result in high gloss and enhanced color strength • Improves transparency in transparent pigments and hiding power in opaque pigments • Reduces viscosity, thereby improving flow characteristics and allowing higher pigment loading	
Recommended Applications	Yj9190 is suitable for use in: • Architectural coatings • Wood and furniture coatings • Automotive coatings • Can coatings • Anti-corrosion coatings • Leather coatings • Printing inks	
Suggested Dosage	Inorganic Pigments 5-20% (based on pigment weight) Titanium Dioxide 5-20% (based on pigment weight) Organic Pigments 30-90% (based on pigment weight) Carbon Black 50-150% (based on pigment weight) * The above dosage ranges are for reference only. Exact dosage should be determined through systematic testing. The above recommended addition amounts are for reference only. The addition amounts need to be determined through a series of tests. The addition method and processing guidance: Grinding can only be carried out in water (without resin, amine and cosolvent). Mix the additive with water, and then add the pigment only after the additive is fully and evenly dispersed.	
Packaging	25 kg plastic drums	
Storage	• Store in a sealed container at 5-35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	



Yj9755水性润湿分散剂产品技术说明书

产品说明	Yj9755润湿分散剂是用于水性涂料的润湿分散剂，特别适用于含树脂与不含树脂的颜料浓缩浆。用于有机和无机颜料。	
物性参数	外观(目视)	水白液体
	组成	非离子嵌段共聚物溶液
	pH值	7-8
	溶剂	去离子水、乙醇、异丙醇
	有效成份	60±1%
	*此数据仅供参考，应遵循的产品规格以最终发布的资料为准。	
产品特点	应用于颜料浓缩浆生产中的木器和家具涂料，工业涂料，汽车漆，柔印和凹印油墨等润湿分散。	
推荐用途	颜料浓缩浆用于生产:汽车漆(腻子 and 底漆)、工业涂料、柔印和凹印油墨、喷墨墨水、木器和家具涂料。	
建议用量	助剂用量基于： 无机颜料:5-20%    钛白粉:10-12%    有机颜料:10-50%    炭黑:40-80% 以上推荐添加量供参考，添加量需经过一系列试验确定。 加入方法及加工指导研磨只可在水中进行。将助剂与水进行混合，然后须在助剂充分分散均匀之后方可加入颜料。	
包装	25kg 塑胶桶	
储存	应在5~35℃适当密封容器中储存； 在此条件下，本品储存稳定性为12个月；	
安全及注意	避免沾触皮肤眼睛及衣物，操作时请戴防护手套； 泄露时用布擦拭干净，并且用水清洗； 详细说明请参阅物质安全说明表(MSDS)； 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9755 Waterborne Wetting and Dispersing Agent

Product Description	Yj9755 is a wetting and dispersing agent designed for use in waterborne coatings. It is particularly suitable for pigment concentrates both with and without resin binders and can be used with organic and inorganic pigments.	
Physical Properties	Appearance (Visual)	Water-white liquid
	Composition	Nonionic block copolymer solution
	PH Value	7-8
	Solvent	Deionized water, ethanol, isopropanol
	Active Content	60 ± 1%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	Yj9755 is used in pigment concentrate production for applications such as wood and furniture coatings, industrial coatings, automotive coatings, and flexographic and gravure printing inks. It provides efficient pigment wetting and dispersion.	
Recommended Applications	Yj9755 is suitable for pigment concentrates used in the production of: •Automotive coatings (putty and primers) •Industrial coatings •Flexographic and gravure printing inks •Wood and furniture coatings •Inkjet inks	
Suggested Dosage	Inorganic Pigments      5-20% (based on pigment weight) Titanium Dioxide        10-12% (based on pigment weight) Organic Pigments        10-50% (based on pigment weight) Carbon Black            40-80% (based on pigment weight) * The above dosage ranges are for reference only. Exact dosage should be determined through systematic testing. The addition method and processing guidance: Grinding can only be carried out in water.Mix the additive with water, and then add the pigment only after the additive is fully and evenly dispersed.	
Packaging	25 kg plastic drums	
Storage	• Store in a sealed container at 5-35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9760水性润湿分散剂产品技术说明书

产品说明	Yj9760分散剂为水性色浆专用分散剂,用于分散有机颜料和炭黑,在水性体系中应用,尤其具有良好的降低体系粘度效果,以及稳定颜料在絮凝功能。Yj9760分散剂在水性色浆和水性油墨行业,应用非常成熟,利用空间位阻原理,防止颜料粒子进一步絮凝。	
物性参数	外观(目视)	水白至淡黄透明液体
	组成	改性丙烯酸共聚物
	pH值	8
	溶剂	去离子水、乙醇、DPM
	有效成份	50±1%
	胺值	20mg/KOH
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•分散无机颜料和炭黑 •显著降低体系粘度 •提高颜料展色性	
推荐用途	应用领域: 水性油墨、水性涂料、水性色浆。适用于无树脂或水性丙烯酸,水性聚氨酯树脂体系。	
建议用量	颜填料投入前加入,添加量为颜填料量: 无机颜料1-5% 有机颜料15-25% 碳 黑30-90%	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9760 Waterborne Wetting and Dispersing Agent

Product Description	Yj9760 is a dispersing agent specifically developed for waterborne pigment concentrates. It is designed for dispersing organic pigments and carbon black in aqueous systems, offering excellent viscosity reduction and pigment stabilization against flocculation. Widely used and proven in the waterborne pigment concentrate and ink industries, Yj9760 functions via steric stabilization to effectively prevent further pigment flocculation.	
Physical Properties	Appearance (Visual)	Water-white to pale yellow transparent liquid
	Composition	Modified acrylic copolymer
	PH Value	8
	Solvent	Deionized water, ethanol, dipropylene glycol monomethyl ether (DPM)
	Active Content	50 ± 1%
	Amine Value	20 mg KOH/g
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• Efficiently disperses inorganic pigments and carbon black • Significantly reduces system viscosity • Enhances pigment color development and intensity	
Recommended Applications	• Waterborne inks • Waterborne coatings • Waterborne pigment concentrates Compatible with resin-free systems as well as waterborne acrylic and waterborne polyurethane resin systems.	
Suggested Dosage	Add the dispersing agent before pigment/filler incorporation. Inorganic Pigments 1-5% (based on pigment weight) Organic Pigments 15-25% (based on pigment weight) Carbon Black 30-90% (based on pigment weight) * The above dosage ranges are for reference only. Exact dosage should be determined through systematic testing.	
Packaging	25 kg plastic drums	
Storage	• Store in a sealed container at 5-35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9141消泡剂产品技术说明书

产品说明	Yj9141消泡剂是含有有机硅氧烷的消泡剂,其具有优异的抑泡、消泡效果,适用于聚酯漆、硝基漆等。	
物性参数	外观(目视)	无色透明液体
	组成	有机硅氧烷
	有效成份	4±0.5%
	折射率(25℃)	1.496~1.500
	溶剂	XYL
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	<ul style="list-style-type: none"><li>•为溶剂型涂料类高效消泡剂,适合于喷涂、刷涂、滚涂;</li><li>•对涂料在制造、搅拌、施工时所产生的气泡具有优异的抑泡、消泡效果;</li><li>•兼顾消泡力与相容性平衡,可用于透明清面漆;</li><li>•对双组份聚氨酯反应生成的气泡消除极为突出。</li></ul>	
建议用量	添加量为全配方量的0.1-1%; 为获得最佳消泡效果,建议在生产前阶段加入;也可后阶段加入,但须充分分散均匀。	
包装	25KG铁桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9141 Defoamer

Product Description	Yj9141 is a silicone-based defoamer offering outstanding foam suppression and elimination performance. It is suitable for use in polyester coatings, nitrocellulose lacquers, and other solventborne systems.	
Physical Properties	Appearance (Visual)	Colorless, transparent liquid
	Composition	Organosiloxane
	Active Content	4 ± 0.5%
	Refractive Index (25°C)	1.496–1.500
	Solvent	Xylene (XYL)
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	<ul style="list-style-type: none"><li>• Highly efficient defoamer for solventborne coatings; suitable for spray, brush, and roller applications</li><li>• Excellent foam suppression and elimination during manufacturing, agitation, and application</li><li>• Well-balanced defoaming power and compatibility; suitable for use in clear topcoats</li><li>• Particularly effective in eliminating foam generated during two-component polyurethane reactions</li></ul>	
Suggested Dosage	Recommended dosage: 0.1–1% based on total formulation weight. For optimal defoaming performance, addition is recommended at the early stage of production. Late-stage addition is also possible, but must be thoroughly dispersed to ensure uniformity.	
Packaging	25 kg metal drums	
Storage	<ul style="list-style-type: none"><li>• Store in a sealed container at 5–35°C.</li><li>• Under proper storage conditions, product stability is guaranteed for 12 months.</li></ul>	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	



Yj9680消泡剂产品技术说明书

产品说明	Yj9680消泡剂是疏水粒子的聚硅氧烷化合物, 具有优异的抑泡、消泡功能, 对高固体份和无溶剂涂料在制造和施工时所产生的气泡, 均有良好的抑制与消除的效果。	
物性参数	外观(目视)	半透明液体
	组成	聚硅氧烷化合物
	折射率 (25℃)	1.385~1.415
	有效成份	100%
	*此数据仅供参考, 应遵循的产品规格以最终发布的资料为准。	
产品特点	•是一种优异的抑泡、消泡剂, 对高固体份和无溶剂型高膜厚环氧地坪涂料在制造和施工时所产生气泡, 均有良好的抑制与消除效果; •在塑胶跑道应用中此消泡剂有极佳效果, 且有流平效果; •对高粘度、高膜厚的气泡有良好的抑制效果。	
推荐用途	适用于溶剂型、低溶剂至无溶剂体系, 在环氧地坪涂料、丝网油墨、紫外光油墨的应用中有特别好的效果。	
建议用量	研磨前或搅拌前添加抑泡效果最佳, 亦可事后添加借以消泡, 但必须搅拌均匀, 添加量为0.1%-0.5%。	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下, 本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物, 操作时请戴防护手套; 泄露时用布擦拭干净, 并且用水清洗; 详细说明请参阅物质安全说明表 (MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9680 Defoamer

Product Description	Yj9680 is a polysiloxane-based compound containing hydrophobic particles, designed to provide excellent foam suppression and elimination. It is highly effective at controlling and removing foam generated during the manufacturing and application of high-solids and solvent-free coatings.	
Physical Properties	Appearance (Visual)	Translucent liquid
	Composition	Polysiloxane compound
	Refractive Index (25℃)	1.385–1.415
	Active Content	100%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• It is an excellent anti-foaming and defoaming agent, which has a good inhibitory and eliminating effect on the bubbles generated during the manufacturing and application of high-solid content and solvent-free high-film-thickness epoxy floor coatings. • Excellent defoaming and leveling performance in plastic running tracks coatings. • Effectively suppresses foam in high-viscosity, high-film-thickness systems.	
Recommended Applications	Ideal for solventborne to solvent-free systems. Particularly effective in: • Epoxy floor coatings • Screen printing inks • UV-curable inks and coatings	
Suggested Dosage	For best defoaming results, add before grinding or pre-mixing. Post-addition is also possible for foam elimination, but must be mixed thoroughly. Recommended dosage: 0.1%–0.5% by total formulation weight.	
Packaging	25 kg plastic drums	
Storage	• Store in a sealed container at 5–35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9530消泡剂产品技术说明书

产品说明	Yj9530消泡剂是含有特殊有机硅氧烷的消泡剂,其具有优异的抑泡、消泡效果,适用于聚酯漆、硝基漆等。	
物性参数	外观(目视)	无色透明液体
	有效成份	1%
	溶剂	XYL/CYC/BAC
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	<div><div>•为溶剂型涂料有机硅类标准消泡剂;</div><div>•对涂料在制造、搅拌、施工时所产生的气泡具有优异的抑泡、消泡效果;</div><div>•兼顾消泡力与相容性平衡,可用于透明清面漆;</div><div>•对双组份聚氨酯反应生成的气泡消除极为突出。</div></div>	
推荐用途	推荐用于溶剂型丙烯酸树脂、聚氨酯、各种烤漆体系、硝基漆、环氧树脂、醇酸树脂体系、紫外光固化体系。	
建议用量	添加量为全配方量的0.1-1%;为获得最佳消泡效果,建议在生产前阶段加入;也可后阶段加入,但须充分分散均匀。	
包装	25kg塑胶桶	
储存	<div>应在5~35℃适当密封容器中储存;</div> <div>在此条件下,本品储存稳定性为12个月;</div>	
安全及注意	<div>避免沾触皮肤眼睛及衣物,操作时请戴防护手套;</div> <div>泄露时用布擦拭干净,并且用水清洗;</div> <div>详细说明请参阅物质安全说明表(MSDS);</div> <div>每批次货物需检测后才能投入生产。</div>	

Technical Data Sheet Yj9530 Defoamer

Product Description	Yj9530 is a defoamer formulated with specialized organosilicone compounds. It exhibits excellent foam suppression and elimination properties and is particularly suitable for polyester and nitrocellulose-based coatings.	
Physical Properties	Appearance (Visual)	Colorless, transparent liquid
	Active Content	1%
	Solvent	Xylene (XYL) / Cyclohexanone (CYC) / Butyl Acetate (BAC)
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	<div><div>• Standard organosilicone-based defoamer for solvent-based coating systems.</div><div>• Excellent defoaming and anti-foaming performance during formulation, mixing, and application of coatings.</div><div>• Balanced defoaming efficiency and compatibility—suitable for use in clear topcoats.</div><div>• Highly effective at eliminating bubbles generated from chemical reactions in two-component polyurethane systems.</div></div>	
Recommended Applications	<div><div>• Solvent-based acrylic resin systems</div><div>• Various baking enamels</div><div>• Epoxy resin systems</div><div>• UV-curable coatings</div></div>	<div><div>Polyurethane coatings</div><div>Nitrocellulose lacquers</div><div>Alkyd resin systems</div></div>
Suggested Dosage	<div>Dosage: 0.1–1% of the total formulation.</div> <div>For optimal performance, it is recommended to add during the initial production phase. Post-addition is also acceptable for foam elimination but requires thorough dispersion.</div>	
Packaging	25 kg plastic drums	
Storage	<div>• Store in a sealed container at 5–35°C.</div> <div>• Under proper storage conditions, product stability is guaranteed for 12 months.</div>	
Safety and Handling	<div>Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling.</div> <div>In case of spillage, wipe with a clean cloth and rinse with water.</div> <div>Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines.</div> <div>Each batch must be quality-tested prior to use in production.</div>	

Yj9300消泡剂产品技术说明书

产品说明	Yj9300消泡剂是一种特殊聚合物之涂料添加剂,其功能在于调整非水系树脂涂料之流动性,同时具消泡效果。	
物性参数	外观(目视)	水白粘稠液体
	组成	特殊改性丙烯酸酯聚合物
	折射率(25℃)	1.474~1.478
	有效成份	≥95%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	能防止不良的润湿性,和在涂装过程中产生的气泡,任何因于不平坦的表面所引发的问题将为之解决。	
推荐用途	适用于溶剂性体系工业涂料、木器和家具涂料。	
建议用量	添加量为全配方量的0.02-1%	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9300 Defoamer

Product Description	Yj9300 is a specialty polymer-based coating additive designed to improve the flow characteristics of non-aqueous resin systems, while simultaneously providing effective defoaming performance.	
Physical Properties	Appearance (Visual)	Water-white, viscous liquid
	Composition	Specially modified acrylate polymer
	Refractive Index (25℃)	1.474–1.478
	Active Content	≥95%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• Effectively prevents poor substrate wetting and bubble formation during coating application. • Resolves defects arising from uneven or irregular surfaces.	
Recommended Applications	Ideal for use in solvent-based systems including: • Industrial coatings • Wood and furniture finishes	
Suggested Dosage	Dosage: 0.02–1% of the total formulation weight. The optimal amount should be determined through preliminary testing based on specific formulation requirements.	
Packaging	25 kg plastic drums	
Storage	• Store in a sealed container at 5–35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	



Yj9521润湿剂产品技术说明书

产品说明	Yj9521润湿剂是聚醚改性聚二甲基硅氧烷,具有非常优异的润湿和流平性能。	
物性参数	外观(目视)	浅黄色透明液体
	有效成份	100%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	<div><div>•强烈改善底材的润湿性、防止涂膜出现缩孔、火山口现象；</div><div>•使农用化学试剂的表面能量降至非常低；</div><div>•使皮革整理剂的表面能量降至非常低；</div><div>•高能效润湿皮革。</div></div>	
推荐用途	适用于油性、水性及光固化产品体系,具有非常优异的润湿性能,特别适用于木器、膜材、油墨、皮革制品润湿。	
建议用量	建议添加量为总量的0.1-1%	
包装	25kg铁桶	
储存	<div>应在5~35℃适当密封容器中储存；</div> <div>在此条件下,本品储存稳定性为12个月；</div>	
安全及注意	<div>避免沾触皮肤眼睛及衣物,操作时请戴防护手套；</div> <div>泄露时用布擦拭干净,并且用水清洗；</div> <div>详细说明请参阅物质安全说明表(MSDS)；</div> <div>每批次货物需检测后才能投入生产。</div>	

Technical Data Sheet Yj9521 Wetting Agent

Product Description	Yj9521 is a polyether-modified polydimethylsiloxane wetting agent, offering outstanding wetting and leveling properties.	
Physical Properties	Appearance (Visual)	Light yellow transparent liquid
	Active Content	100%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	<div><div>• Significantly enhances substrate wetting and prevents film defects such as cratering and pinholes.</div><div>• Reduces the surface energy of agrochemical formulations to extremely low levels.</div><div>• Effectively lowers the surface energy of leather finishing agents.</div><div>Highly efficient wetting performance on leather surfaces.</div></div>	
Recommended Applications	<div>Yj9521 is suitable for solvent-based, water-based, and UV-curable systems, with exceptional wetting performance. It is especially recommended for:</div> <div><div>• Wood coatings</div><div>• Film materials</div><div>• Printing inks</div><div>• Leather products</div></div>	
Suggested Dosage	<div>Recommended addition level: 0.1–1% of the total formulation weight.</div> <div>Exact dosage should be optimized through formulation testing.</div>	
Packaging	25 kg metal drums	
Storage	<div>• Store in a sealed container at 5–35°C.</div> <div>• Under proper storage conditions, product stability is guaranteed for 12 months.</div>	
Safety and Handling	<div>Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling.</div> <div>In case of spillage, wipe with a clean cloth and rinse with water.</div> <div>Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines.</div> <div>Each batch must be quality-tested prior to use in production.</div>	

Yj9245润湿剂产品技术说明书

产品说明	Yj9245是一款特殊改性的聚硅氧烷共聚物, 具有极好的基材润湿能力, 可以同时用于水性和溶剂型配方, 具有高效能, 良好的重涂性。	
物性参数	外观(目视)	淡黄色透明液体 (温度低于5°C时会变得浑浊, 加热后澄清, 不影响效果)
	组成	改性聚硅氧烷共聚物
	折射率 (25°C)	1.430~1.470
	有效成份	100%
	*此数据仅供参考, 应遵循的产品规格以最终发布的资料为准。	
产品特点	• 优异的底材润湿和流平 • 强烈降低体系表面张力	
推荐用途	可用于汽车漆、塑料涂料、工业涂料、木器和家具涂料、喷墨墨水、皮革面漆	
建议用量	添加量为配方的0.2~1%	
包装	25kg铁桶	
储存	应在5~35°C适当密封容器中储存; 在此条件下, 本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物, 操作时请戴防护手套; 泄露时用布擦拭干净, 并且用水清洗; 详细说明请参阅物质安全说明表 (MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9245 Wetting Agent

Product Description	Yj9245 is a specially modified polysiloxane copolymer that provides excellent substrate wetting. It is suitable for both water-based and solvent-based formulations, offering high efficiency and good recoatability.	
Physical Properties	Appearance (Visual)	(may appear cloudy below 5°C; clears upon warming, without performance loss)
	Composition	Modified polysiloxane copolymer
	Refractive Index (25°C)	1.430-1.470
	Active Content	100%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• Excellent substrate wetting and leveling performance • Significantly reduces surface tension of the formulation	
Recommended Applications	Yj9245 is suitable for a wide range of systems, including: • Automotive coatings • Plastic coatings • Industrial coatings • Wood and furniture coatings • Inkjet inks • Leather topcoats	
Suggested Dosage	Addition level: 0.2-1% of the total formulation Optimal dosage should be determined through formulation testing.	
Packaging	25 kg metal drums	
Storage	• Store in a sealed container at 5-35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9377润湿流平剂产品技术说明书

产品说明	Yj9377润湿流平剂是氟改性丙烯酸酯溶液,适用于醇酸、丙烯酸和饱和聚酯烤漆、聚氨酯、双组份环氧、气干醇酸涂料。	
物性参数	外观(目视)	水白至微黄色粘稠液体
	有效成份	70±1%
	折射率(25℃)	
	溶剂	1.470~1.497
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。 XYL	
产品特点	•能有效的防缩孔、防桔皮,促进流平,提高底材润湿 •不影响层间附着力及附增消泡和脱泡效果 •可防止针孔且不影响再涂性	
推荐用途	醇酸、丙烯酸和饱和聚酯烤漆、聚氨酯、双组份环氧、气干醇酸涂料	
建议用量	建议添加量为全配方量的0.2-2.0 % ,在生产前阶段添加并搅拌均匀。	
包装	25kg铁桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9377 Wetting and Leveling Agent

Product Description	Yj9377 is a fluorine-modified acrylate solution designed as a wetting and leveling agent. It is suitable for use in alkyd, acrylic, and saturated polyester baking enamels, as well as polyurethane, two-component epoxy, and air-drying alkyd coatings.	
Physical Properties	Appearance (Visual)	Water-white to slightly yellow viscous liquid
	Active Content	70 ± 1%
	Refractive Index (25°C)	1.470–1.497
	Solvent	Xylene (XYL)
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• Effectively prevent craters and orange peel, promote leveling and improve the wetting of the substrate • Does not adversely affect the interlayer adhesion; additionally enhance the defoaming and deaeration effects • Prevents pinholes while maintaining excellent recoatability	
Recommended Applications	• Alkyd baking enamels • Alkyd baking enamels • Polyurethane coatings • Two-component epoxy coatings • Air-drying alkyd paints	
Suggested Dosage	Use level: 0.2–2.0% of the total formulation For optimal results, add during the initial stage of production and ensure thorough mixing.	
Packaging	25 kg plastic drums	
Storage	· Store in a sealed container at 5–35°C. · Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	



Yj9450流平剂产品技术说明书

产品说明	Yj9450是通用的流动和增滑助剂，相性溶性好、重涂性好、高效防缩孔、提高抗擦伤性能。适用于水性、油性及辐射性体系。	
物性参数	外观(目视)	微黄至淡黄色透明液体
	组成	改性聚硅氧烷
	有效成份	100%
	折射率(25℃)	1.420~1.460
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•显著的提高流平滑爽性和清漆中的透明性； •防缩孔、流动性、抗粘连/剥离效果； •相容性极佳,具有良好的重涂性,并能提高耐刮擦性。	
推荐用途	适用于溶剂型、水性及UV木器漆、工业漆及印刷油墨。	
建议用量	建议添加量为总量的0.1-1%	
包装	25kg铁桶	
储存	应在5~35℃适当密封容器中储存； 在此条件下,本品储存稳定性为12个月；	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套； 泄露时用布擦拭干净,并且用水清洗； 详细说明请参阅物质安全说明表(MSDS)； 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9450 Leveling Agent

Product Description	Yj9450 is a universal flow and smoothness additive characterized by excellent compatibility, good recoatability, effective crater prevention, and enhanced scratch resistance. It is suitable for water-based, solvent-based, and radiation-curable systems.	
Physical Properties	Appearance (Visual)	Slightly yellow to light yellow transparent liquid
	Composition	Modified polysiloxane
	Active Content	100%
	Refractive Index (25°C)	1.420~1.460
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• Significantly improve the smoothness of the flow and the transparency in the varnish • Anti-shrinkage cavity, fluidity, anti-adhesion/peeling effect • Excellent compatibility with good recoatability and improved scratch resistance	
Recommended Applications	• Suitable for solvent-based, water-based, and UV-curable coatings • Ideal for wood coatings, industrial paints, and printing inks	
Suggested Dosage	Addition level: 0.1~1% of the total formulation weight	
Packaging	25 kg metal drums	
Storage	• Store in a sealed container at 5~35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9410手感流平剂产品技术说明书

产品说明	Yj9410是极高效的聚醚硅氧烷共聚物增滑和流动助剂, 帮助润湿以及防止缩孔, 在溶剂型涂料中, 即使极少的添加量也可获得良好的滑度。	
物性参数	外观(目视)	水白粘稠液体
	组成	改性聚醚硅氧烷共聚物
	有效成份	100%
	折射率(25℃)	1.420~1.460
	*此数据仅供参考, 应遵循的产品规格以最终发布的资料为准。	
产品特点	提高表面滑度; •兼具基材润湿性; •改善抗刮伤性、强防缩孔、对消光剂排列性佳、防发花、防粘连。	
推荐用途	适用于水性、油性及辐射性体系。 •在溶剂型涂料中, 即使极少的添加量也可获得良好的滑度; •在水性体系中, 较低的添加量时也可获得良好的滑度、抗擦伤和 抗粘连性。在哑光涂料中还能提供优异的哑粉排列效果; •用于建筑涂料, 溶剂型涂料, 帮助润湿以及防止缩孔。	
建议用量	建议添加量为总量的0.1-1%	
包装	25kg铁桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下, 本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物, 操作时请戴防护手套; 泄露时用布擦拭干净, 并且用水清洗; 详细说明请参阅物质安全说明表 (MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9410 Hand-feel Leveling Agent

Product Description	Yj9410 is an extremely efficient polyethersiloxane copolymer skid and flow additive, which helps to wet and prevent pinholes. In solvent-based coatings, it can achieve good smoothness even with a very small addition amount.	
Physical Properties	Appearance (Visual)	Water-white viscous liquid
	Composition	Modified polyether-siloxane copolymer
	Active Content	100%
	Refractive Index (25℃)	1.420~1.460
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	•Enhances surface smoothness •Provides effective substrate wetting •Improves scratch resistance, excellent anti-cratering performance •Promotes uniform matting agent orientation, prevents mottling and adhesion.	
Recommended Applications	Suitable for water-based, solvent-based, and radiation-curable systems: •In solvent-based coatings, excellent smoothness can be achieved even at very low addition levels •In water-based systems, good smoothness, scratch resistance and anti-adhesion can be achieved even with a relatively low addition amount.It can also provide excellent matte powder arrangement effects in matte coatings. •Used in architectural coatings and solvent-based formulations to enhance wetting and prevent cratering	
Suggested Dosage	Addition level: 0.1~1% of total formulation weight	
Packaging	25 kg metal drums	
Storage	· Store in a sealed container at 5~35℃. · Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9333流平剂产品技术说明书

产品说明	Yj9333是一种聚醚改性聚二甲基硅氧烷表面助剂,能强烈降低表面张力。通用于所有涂料体系,能大大增进表面滑爽性和底材润湿性,在水性体系中可提高抗粘连性。	
物性参数	外观(目视)	水白透明液体
	组成	改性聚硅氧烷
	折射率(25℃)	1.430~1.470
	有效成份	100%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•通用于所有涂料体系,能够大大增进表面滑爽性和底材润湿性; •在水性体系中可提高抗粘连性; •还具有良好的相容性,可作抗缩孔助剂使用。	
推荐用途	推荐用于所有溶剂型、无溶剂型和水性涂料、印刷油墨以及罩光油。	
建议用量	可以在生产任何阶段添加,推荐添加量0.1-1%	
包装	25kg铁桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9333 Leveling Agent

Product Description	Yj9333 is a polyether-modified polydimethylsiloxane surface additive designed to significantly reduce surface tension. It is universally applicable across all coating systems and greatly enhances surface smoothness and substrate wetting. In water-based systems, it also improves anti-sticking properties.	
Physical Properties	Appearance (Visual)	Water-white transparent liquid
	Composition	Modified polysiloxane
	Refractive Index (25℃)	1.430–1.470
	Active Content	100%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• Universally suitable for all types of coating systems • Significantly improves surface smoothness and substrate wetting • Enhances anti-sticking performance in water-based formulations • Exhibits excellent compatibility and can function as an anti-cratering agent.	
Recommended Applications	Recommended for use in all solvent-based, solvent-free, and water-based coatings, including printing inks and overprint varnishes.	
Suggested Dosage	Can be added at any stage of production. Typical dosage: 0.1–1% of the total formulation weight.	
Packaging	25 kg metal drums	
Storage	• Store in a sealed container at 5–35°C. • Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	



Yj9306流平剂产品技术说明书

产品说明	Yj9306是聚醚改性有机硅流平剂,可显著增加对灰尘和漆雾的接受性,并能在垂直面上形成较厚的漆膜。能够减少木器涂料和家具涂料中的气流敏感性,并明显改善消光剂的定向排列。是溶剂型涂料通用流平剂,适用于聚酯漆、硝基漆等。	
物性参数	外观(目视)	无色透明液体
	组成	改性有机硅氧烷
	折射率(25℃)	1.489~1.493
	有效成份	15±1%
	溶剂	XYL
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	<ul style="list-style-type: none"><li>•强力降低表面张力、湿润底材;</li><li>•具有优异的增滑、流平作用,并帮助哑粉定向排列;</li><li>•与涂料体系相容性好,不影响重涂性及附着力。</li></ul>	
推荐用途	聚酯漆、硝基漆	
建议用量	添加量为全配方量的0.1-1.0%;可在生产任何阶段加入,在分散搅拌前添加可提高润湿性。	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9306 Leveling Agent

Product Description	Yj9306 is a TPU-Ether-modified organosilicone leveling agent. It significantly improves acceptance of dust and overspray, facilitates the formation of thicker coatings on vertical surfaces, reduces airflow sensitivity in wood and furniture coatings, and enhances the orientation of matting agents. It is a universal solvent-based leveling agent suitable for polyester paints, nitrocellulose paints, and similar systems.	
Physical Properties	Appearance (Visual)	Colorless transparent liquid
	Composition	Modified organosiloxane
	Refractive Index (25°C)	1.489–1.493
	Active Content	15 ± 1%
	Solvent	Xylene (XYL)
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	<ul style="list-style-type: none"><li>• Effectively reduces surface tension and improves substrate wetting</li><li>• Excellent smoothness and leveling effects, enhances orientation of matting agents</li><li>• Exhibits good compatibility with coating systems without compromising recoatability or adhesion</li></ul>	
Recommended Applications	Designed for use in polyester lacquers, nitrocellulose lacquers, and other solvent-based coatings, particularly in wood and furniture finishes.	
Suggested Dosage	Add 0.1–1.0% by weight of total formulation. Can be added at any stage of production; for optimal wetting, add prior to dispersion or mixing.	
Packaging	25 kg plastic drums	
Storage	<ul style="list-style-type: none"><li>· Store in a sealed container at 5–35°C.</li><li>· Under proper storage conditions, product stability is guaranteed for 12 months.</li></ul>	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9361流平剂产品技术说明书

产品说明	Yj9361流平剂是丙烯酸酯共聚物,用于需要无溶剂助剂或专用溶剂之处,用于溶剂型涂料、油墨中防止 表面张力差异带来的流平,以及缩孔等问题。	
物性参数	外观(目视)	无色至微黄粘稠液体
	组成	改性丙烯酸酯聚合物
	溶剂	XYL
	折射率(25℃)	1.472~1.476
	有效成份	90±1%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•增进流平,消除缩孔和桔皮,提高光泽和鲜艳度; •兼有消泡功能、润湿颜料和底料、增进层间附着力; •与树脂相容性好,不会在清漆里引起浑浊问题,也不会使着色系统产生发雾。	
推荐用途	广泛应用于各种自干涂料,烤漆、丙烯酸漆和溶剂型体系以及复合材料,包括但不限于以下应用领域: •卷钢涂料和罐听涂料; •双组分聚氨酯清漆、氨基工业烤漆; •光固化涂料、汽车涂料; •玻纤润湿及防止相分离。	
建议用量	建议在生产后阶段加入并搅拌均匀,根据不同用途建议添加量为总量的0.2-1.2%	
包装	25KG铁桶。	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9361 Leveling Agent

Product Description	Yj9361 is an acrylate copolymer leveling agent designed for use in systems that require solvent-free additives or specific solvents. It is effective in solvent-based coatings and inks, preventing surface defects caused by surface tension gradients, such as poor leveling, cratering, and other flow-related issues.	
Physical Properties	Appearance (Visual)	Colorless to slightly yellow viscous liquid
	Composition	Modified acrylate copolymer
	Solvent	Xylene (XYL)
	Refractive Index (25°C)	1.472-1.476
	Active Content	90 ± 1%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	•Enhances leveling, eliminates craters and orange peel, improves gloss and color vibrancy •Provides additional defoaming properties, improves pigment and substrate wetting, and enhances intercoat adhesion •Excellent compatibility with resins; does not cause fogging in the coloring system or turbidity in varnish	
Recommended Applications	Widely used across various air-drying coatings, baking enamels, acrylic paints, solvent-based systems, and composites, including but not limited to: •Coil coatings and can coatings •Two-component polyurethane clearcoats and amino-based industrial baking finishes •UV-curable coatings and automotive finishes •Glass fiber wetting and prevention of phase separation	
Suggested Dosage	It is recommended to add Yj9361 during the post-production phase and stir thoroughly. Depending on the application, the dosage should be 0.2-1.2% of the total formulation.	
Packaging	25 kg metal drums	
Storage	· Store in a sealed container at 5-35°C. · Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9358流平剂产品技术说明书

产品说明	Yj9358流平剂是一款丙烯酸酯共聚物,主要用于解决溶剂型涂料、油墨中防止表面张力差异带来的流平,以及缩孔等问题。	
物性参数	外观(目视)	水白至微黄透明粘稠液体
	组成	改性丙烯酸酯共聚物
	有效成份	42±1%
	溶剂	BAC
	折射率(25℃)	1.427~1.431
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•增进流平,消除缩孔和桔皮,提高光泽和鲜艳度; •兼有消泡功能、润湿颜料和底料、增进层间附着力; •与树脂相容性好,不会在清漆里引起浑浊问题,也不会使着色系统产生发雾。	
推荐用途	各种自干涂料,烤漆、丙烯酸漆和溶剂型体系以及复合材料,包括但不限于以下应用领域: •卷钢涂料和罐听涂料; •双组分聚氨酯清漆、氨基工业烤漆; •光固化涂料、汽车涂料; •玻纤润湿及防止相分离。	
建议用量	建议在生产后阶段加入并搅拌均匀,根据不同用途建议添加量为总量的0.5-1.5%	
包装	净重25kg铁桶	
储存	树脂应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9358 Leveling Agent

Product Description	Yj9358 is an acrylate copolymer leveling agent mainly designed to solve the problem such as leveling and pinholes caused by surface tension differences in solvent-based coatings and inks.	
Physical Properties	Appearance (Visual)	Water-white to slightly yellow transparent viscous liquid
	Composition	Modified acrylate copolymer
	Active Content	42 ± 1%
	Solvent	Butyl acetate (BAC)
	Refractive Index (25°C)	1.427–1.431
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	•Enhances leveling, eliminates craters and orange peel, improves gloss and color vibrancy •Provides additional defoaming properties, improves pigment and substrate wetting, and enhances intercoat adhesion •Excellent compatibility with resins; does not cause fogging in the coloring system or turbidity in varnish	
Recommended Applications	Suitable for various air-drying coatings, baking enamels, acrylic systems, solvent-based coatings, and composite formulations, including but not limited to: •Coil coatings and can coatings •Two-component polyurethane clearcoats and amino-based industrial baking finishes •UV-curable coatings and automotive finishes •Glass fiber wetting and prevention of phase separation	
Suggested Dosage	It is recommended to add Yj9358 during the post-production stage with thorough mixing. Suggested dosage: 0.5–1.5% of the total formulation, depending on specific application requirements.	
Packaging	25 kg metal drums	
Storage	· Store in a sealed container at 5–35°C. · Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	

Yj9432流平剂产品技术说明书

产品说明	Yj9432流平剂是聚醚改性的聚硅氧烷,具有优异的润湿、平滑和耐磨性能,重涂性好,特别推荐用于UV辐射固化体系。	
物性参数	外观(目视)	浅黄色透明液体(如低温浑浊可加热消除,不影响使用效果)
	组成	聚醚改性聚硅氧烷
	折射率	1.425-1.455
	有效成份	100%
	*此数据仅供参考,应遵循的产品规格以最终发布的资料为准。	
产品特点	•强烈改善底材的润湿性、防止涂膜出现缩孔、火山口现象 •增进表面的滑爽性 •改善耐划伤性和防粘连性	
推荐用途	UV 辐射固化体系	
建议用量	工业涂料:0.05-0.5% 罩光清漆:0.05-1.2% 喷墨油墨:0.05-0.5% 溶剂型木器漆:0.05-0.5% UV 固化印刷油墨:0.1-1.2%	
包装	25kg塑胶桶	
储存	应在5~35℃适当密封容器中储存; 在此条件下,本品储存稳定性为12个月;	
安全及注意	避免沾触皮肤眼睛及衣物,操作时请戴防护手套; 泄露时用布擦拭干净,并且用水清洗; 详细说明请参阅物质安全说明表(MSDS); 每批次货物需检测后才能投入生产。	

Technical Data Sheet Yj9432 Leveling Agent

Product Description	Yj9432 is a polyether-modified polysiloxane leveling agent, offering excellent substrate wetting, surface smoothness, and abrasion resistance. It exhibits good recoatability and is particularly recommended in UV radiation-curable systems	
Physical Properties	Appearance (Visual)	Light yellow transparent liquid (may become cloudy at low temperature; clarity can be restored by heating, without affecting performance)
	Composition	Polyether-modified polysiloxane
	Refractive Index (25°C)	1.425–1.455
	Active Content	100%
	* The data above is for reference only. Final product specifications should be based on the official product release.	
Features	• Strongly improves substrate wetting and prevents surface defects such as cratering and pinholes • Enhances surface smoothness • Improves scratch resistance and anti-sticking performance	
Recommended Applications	Especially recommended for UV radiation-curable systems. Suitable for a wide range of applications	
Suggested Dosage	• Industrial Coatings: 0.05–0.5% • Clear Topcoats: 0.05–1.2% • Inkjet Inks: 0.05–0.5% • Solvent-based Wood Coatings: 0.05–0.5% • UV-Curable Printing Inks: 0.1–1.2%	
Packaging	25 kg plastic drums	
Storage	· Store in a sealed container at 5–35°C. · Under proper storage conditions, product stability is guaranteed for 12 months.	
Safety and Handling	Avoid contact with skin, eyes, and clothing. Always wear protective gloves when handling. In case of spillage, wipe with a clean cloth and rinse with water. Refer to the Material Safety Data Sheet (MSDS) for complete safety guidelines. Each batch must be quality-tested prior to use in production.	