

 LG Yongxing Ningbo LG Yongxing Chemical Co.,Ltd.	SDS (SAFETY DATA SHEET) Grade: FR-500 ABS RESIN	File Number	SDS- ABS FR-500
		Issued Date	1998.10.01
		Revised Date	2024.04.02
		Revised Item	
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Part 1 Product and Company Identification		
Chemical Product Name	Acrylonitrile Butadiene Styrene Co-polymer	
Manufacturer	Ningbo LG Yongxing Chemical Co.,Ltd	
Manufacturer's Address	66, Haitian Road,Houhaitang Industry Zone, Zhenhai, Ningbo, China	
Postalcode	315200	
Contact Number	86-0574-86377130	
Emergency Tel	86-0574-86377114	
Email Address	ztchen@lgchem.com	
Usage	Electronic Goods, Automotive Parts, Package, etc	
Part 2 Hazards Identification, Including Emergency Overview		
Hazards Category	N/P	
Route of Entry Indicators	Inhalation,Ingestion,Skin Absorption,Eye Contact	
Health Hazards Acute & Chronic	N/P	
Environment Indicators	N/P	
Explosive Indicators	N/P	
Carcenogenicity Indicators	N/P	
Part 3 Compositon/Information on Ingredients		
	<u>CAS Number</u>	<u>Contents</u>
ABS(Acrylonitrile Butadiene Styrene Co-polymer)	9003-56-9	72-78%
Flame retardant(Tetrabromobisphenol A)	79-94-7	17-19%
Flame retardant(Diantimony trioxide)	1309-64-4	2-3%
Flame retardant(Polyethylene,Chlorinated)	63231-66-3	2-3%
Typical Antioxidants		0-1%
Typical Lubricants		1-2%
Part 4 First Aid Measures		
Eye Contact	Immediately rinse eyes with copious amount of running water and seek medical advice	
Skin Contact	Essentially nonirritating to skin but rinse with copious water	
Ingestion	If vomiting occurs,lower the head to ease vomiting and seek	

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Inhalation	or medical advice In case of breathing, fumes released from heated material may cause respiratory irritation In case of inhaling dense smoke, immediately remove a person to fresh air. If necessary, apply artificial respiration and seek medical attention immediately
Part 5 Fire Fighting Measures	
Flash Point	Not Applicable
Flammability	1.6mm V-1,2.0mm V-0,3.0mm V-0,5VB(UL-94, File No.:E-203955)
Auto Ignition Point	Not Applicable
Extinguishing Media	Usually use water and use extinguishing media appropriate to surrounding conditions
Special Fire Fighting Procedure	Cool containers with water spray. In closed stores, provide fire fighter with self-contained breathing apparatus in positive pressure mode
Usual Fire and Explosion Hazards	Irritating gases and dense smoke
Part 6 Accidental Release Measures	
Cleaning Method	Sweep, use vaccum cleaner, or shovel into intact packaging for waste disposal or possible re-use
Waste Disposal Method	Reuse or transfer to an approved disposal area. Observe all federal, state, or local regulations upon disposition
Part 7 Handling and Storage	
Handling	Aviod formation of dust Keep bags always closed /Keep container lightly closed Avoid pellets /bags from getting wet
Storage	Keep bags/container in a well-ventilated place Avoid pellets /bags from getting wet
Part 8 Exposure Controls & Personal Protection	
Eye	Safety goggles
Hands	Protective gloves
Respirator	Chemical protect respirator (fumes released form heated material)
Others	If necessary, use protective equipment handling this product

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Part 9 Physical & Chemical Properties	
Appearance	Pellet
Odor	Almost Odorless
PH	Neutral
Specific Gravity	1.15~1.17
Evaporation Rate	Not applicable at standard condition
Vapor Pressure	Not applicable at standard condition
Vapor Density	Not applicable at standard condition
Solubility in Water	Insoluble
Solubility in other Solvent	Soluble in THF, Acetone and other Analogous Solvents
Part 10 Stability and Reactivity Data	
Stability	Stable under normal condition
Storage conditions to avoid	Avoid fire and heating above 60℃
Incompatibility	None known
Hazardous decomposition	CO,HCN,AN
Hazardous polymerization	None known
Part 11 Toxicological Information	
Irritating Property	In case of burning, Irritating gases and dense smoke released from material may cause eyes and nose irritation
Part 12 Ecological Information	
Ecological Toxicity	N/P
Biologic Decompose	N/P
Abiological Decompose	Can be decomposed under sunlight and oxygen condition
Part 13 Disposal Considerations	
Disposal Character	Not belong to the dangerous material
Disposal Method	Burned by a suitable incinerator
Part 14 Transport Information	
N/P	

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Part 15 Regulatory Information							
N/P							
Part 16 Other Information							
Product should be handled, stored, and used in accordance with the generally accepted industrial hygiene practices and in conformity with all the applicable legal regulations. The information provided herein is based on the knowledge possessed at this present time from the view point of safety requirements. It should, therefore, not be construed as guaranteeing specific properties. <table><tr><td>Compile Time</td><td>2024.04.02</td></tr><tr><td>Compile Unit</td><td>ABS TS Team, Ningbo LG Yongxing Chemical Co., Ltd</td></tr><tr><td>Revised Indicators</td><td>Email Address and Telephone update</td></tr></table>		Compile Time	2024.04.02	Compile Unit	ABS TS Team, Ningbo LG Yongxing Chemical Co., Ltd	Revised Indicators	Email Address and Telephone update
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