

 LG化学 乐金化学(惠州)化工有限公司	MATERIAL SAFETY DATA SHEET (MSDS)	File Name:	MSDS HP100H
		Issue Date:	2024-01-01
		Revision Date:	
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1. Product & Company Identification			
Chemical Product Name		Acrylonitrile butadiene Styrene copolymers	
General Use		Manufacture of plastics products	
Restriction on Use		Use for only recommended uses	
Chemical Type		Thermoplastic plastics	
Manufacturer		LG Chem Huizhou Petrochemical Co.,Ltd	
Manufacturer's Address		NO.57 Daya Bay District,Huizhou,Guangdong Province,P.R. China	
Postalcode		516082	
Emergency Call		0752-5939119	
Fax		0752-5939111	
2. Components/Composition Information			
Chemical Name	Trade name and Synonyms	CAS No.	Content (%)
2-Propenenitrile polymer with 1,3-butadiene and ethenylbenzene	ABS	9003-56-9	96 ~ 100
Typical antioxidants and lubricants	-	-	0 ~ 2
Screct	Screct	-	0 ~ 2
Components not listed do not contain Hazardous substances accoding Occupational Safety and Health Act			
3. Harzards Identification, Including Emergency Overview			
Hazards Category		N/P	
Route of Entry Indicators		Inhalation, Ingestion, Skin Absorption, Eye Contact	
Health Hazard Acute&Chornic		N/P	
Environment Indicators		N/P	
Explosive Indicators		N/P	
Carcinogenicity Indicators		N/P	
4. First Aid Measures			
Eye Contact		Immediately rinse eyes with copious amount of running water and seek medical.	
Skin Contact		Essentially nonirritating to skin but rinse with copious water	
Ingestion		If vomiting occur, lower the head to easy vomiting and seek midical advice	

Inhalation	In case of breathing,fumes relwased from heated material may cause respiratory irritation;		
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In case of inhaling dense smoke,immediately remove a person to fresh air. If necessary,apply artificial respiration and seek medical attention immediately.	
5.Fire Fighting Measures	
Flash Point	Not applicable
Flammability	1.5mm, 3.0mm HB(UL94)
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
6. Accidental Release Measures	
Cleaning Method	Sweep, use vacuum cleaner or shovel into into intact packaging for wastedisposal or possible re-use
Waste Disposal Method	Reuse or transfer to an approved disposal area Observe all federal,state or local regulations upon disposition
7. Handling and Storage	
Handing	Avoid formation of dust Always keep bags closed/Keep container lightly closed Avoid particle/bags from getting wet
Storage	Storage should not be exposed to rain and sunlight and away from heat and fire sources. Packing bags / containers should be placed in well ventilated place.
8. Exposure Controls & Personal Protection	
Eye	Safety goggles
Hands	Protective gloves
Respirator	Chemical Protect respirator(fumes released from heat material)
Others	If necessary, use protective equipment handling this product
9. Physical & Chemical Properties	
Appearance	Solid(Pellets)
Smell	Almost oderless

PH	Not applicable		
Specific Gravity	1.05g/cm ³ (ASTM)		
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Evaporation rate	Not available at standard condition
The vapor pressure	Not available at standard condition
Vapor density	Not available at standard condition
Water soluble	Insoluble
Solubility in other solvents	Soluble in THF,Acetone and other Analogous Solvents
10. Stability & Reactivity Data	
Stability	Stable under normal condition
Storage conditions to avoid	Avoid fire and heating above 60℃
Taboo material	None known
Hazardous decomposition	CO, HCN, AN ,etc.
Hazardous Polymerization	Not occur
11. Toxicological Information	
Irritating Property	In case of burning,Irritating gases and dense smoke released from material may cause eyes and nose irritation
12. Ecological Information	
Ecological Toxicity	N/P
Biologic Decompose	N/P
Abiological Decompose	Can be decomposed under sunlight and oxygen condition
13. Disposal Considerations	
Disposal Character	Not belong to the dangerous material
Disposal Method	Burned by a suitable incinerator
14. Transport Information	
International Shipping Regulations	Avoid leakage or be sloppy. Packing should not be damaged.
Transport mode	The product is suitable for transportation by land, sea and air.
15. Regulatory Information	
Applicable laws	The relevant laws and regulations of the respective locality.
16.Other information	
A. Reference	
- Product should be handled, stored, and used in accordance with the generally accepted industrial hygienepactices and in conformity with all the applicable legal regulations.The information provided herein is based on theknowledge possessed at this present time from the view point of safety requirements. It should,therefore,not beconstrued as guaranteeing specific properties.	

