



ABS RESIN

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name : KUMHO ABS
Generic name : ABS Graft Copolymer
Chemical product name : Acrylonitrile - Butadiene - Styrene
CAS no. : 9003-56-9
Supplier's name : Korea Kumho Petrochemical Co. Ltd.
Supplier's address : 15, 16Fl. Kumho Bldg., 57, Shinmun-Ro
Chongnno-Ku, Seoul 110-061 Korea
Contact : Tel. 052-279-8831 Fax 052-279-8709
Emergency Telephone : 02-6303-3314 (Head Office)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Acrylonitrile / Butadiene / Styrene CAS No. 9003-56-9
Acrylonitrile / Styrene CAS No. 9003-54-7
Tallow CAS No. 8030-12-4
Wax CAS No. 110-30-5

3. HAZARDS IDENTIFICATION

Physical/chemical hazards : Not classified as dangerous substance
Environmental hazards : See section 11 and 12
Symptom(s) of
(over)exposure





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Inhalation	: Irritation
Ingestion	: No hazards
Skin contact	: No effects
Eye contact	: Irritation

4. FIRST-AID MEASURES

Ingestion	: Rinse mouth with water to remove dust, and drink Plenty of water to help reduce the irritation
Inhalation	: Remove to fresh air. Drink water to clear throat, And blow nose to remove dust.
Skin contact	: Wash off in flowing water or shower
Eye contact	: Flush eyes with large amounts of water for 5 ~ 15 Minutes. If irritation persists, contact a physician

5. FIRE-FIGHTING MEASURES

Summary	: Normal fire fighting procedures should be followed To avoid inhalation of smoke and gases
Unusual Fire/Explosion Hazards :	
Extinguishing Media	: Carbon dioxide, dry chemical, or foam
Flammable Properties and	
Explosive Limits	: Flash point : 350□ Flame classification : Not determined Flame propagation : Not determined





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Lower Explosive Limit (LEL) : Not determined

Upper Explosive Limit (UEL) : Not determined

Autoignition Temperature : 455□

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Not applicable
Environmental precautions : Not applicable
Methods for cleaning up : Not applicable

7. HANDLING AND STORAGE

Handling : Avoid heat
Storage : Store in a dry, cool place, away from excessive heat

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Summary : Protective equipment should be provided as
Necessary to prevent irritation to the respiratory
Tract, eyes and skin.
Eyes : Safety goggles, Dust-goggles or full-face dust-mask
Skin and body : Usual working clothing
Hands : Cotton gloves
Respiratory : A respirator should be used if ventilation is
Unavailable.





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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Pellets
Odor	: No odor
Boiling point	: Not applicable
Vapor pressure	: Not applicable
Vapor density	: Not applicable
Solubility in water	: Insoluble
Specific gravity	: 1.04 – 1.10
Melting point	: 180 – 200□
Evaporation rate	: Not applicable
Water reactive	: None

10. STABILITY AND REACTIVITY

Stability	: Stable at normal temperatures and pressures
Reactivity	: Not reactive
Conditions to avoid	: Heat, flame and other sources of ignition
Materials to avoid	: Oxidizing agents
Hazardous decomposition Products	: Burning may produce carbon dioxide and carbon monoxide





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11. TOXICOLOGICAL INFORMATION

LD50 : Not determined
LC50 : Not determined
Eye irritation : Not determined
Skin irritation : Not determined
Chronic toxicity : Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity : Not determined
Persistence and degradability : No degradation

13. DISPOSAL CONSIDERATIONS

Methods of disposal : Bury in landfill or burn in adequate incinerator,
In accordance with national and local regulations

14. TRANSPORT INFORMATION

This product is not regulated as a hazardous material for transport

Sea : Free for any transport
Air : Free for any transport





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15. REGULATORY INFORMATION

Regulations : Not related

16. OTHER INFORMATION

Special precautions to be taken in handling and storage : Practice reasonable care and Caution in the handling of this product. Avoid breathing dust if generated.



