Poly(styrene-co-acrylonitrile) (cas 9003-54-7) MSDS

KOREA KUMHO PETROCHEMICAL CO., LTD. Material Safety Data Sheet

SAN RESIN

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

Product name : KUMHO SAN-335
Generic name : SAN (Styrene-Acrylonitrile Copolymer)
Chemical product name : Styrene-Acrylonitrile Copolymer
CAS No. : 9003-54-7
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. 052-279-8813 Fax 052-279-8709
Emergency Telephone : 02-6303-3314 (Head Office)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Styrene CAS No. 100-42-5
Acrylonitrile CAS No. 107-13-1
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

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 ?? 1.07
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

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

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.