

MATERIAL SAFETY DATA SHEET

Westco HSR

DISTRIBUTED BY
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1. PRODUCT IDENTIFICATION

Product Identifier : Westco HSR, HSR-80
CAS Registry # : 9003-55-8
TSCA Status : Listed
Molecular Formula : $[(C_8H_8)_x(C_4H_6)_y]_n$
Molecular Weight : Not Available
Chemical Family : Styrene Polymers
Chemical Name : Styrene-Butadiene Copolymer
Synonyms : SBR, Styrene-Butadiene Rubber Resin

2. COMPOSITION/INFORMATION ON INGREDIENTS

Material WT.% CAS Registry # Styrene-Butadiene Resin 100% 9003-55-8
OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200):
Exposure Limits 8 hrs. TWA (ppm)
OSHA PEL ACGIH TLV Supplier
None None None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

POTENTIAL HEALTH EFFECTS:

INHALATION: Dust may cause respiratory sensitization in susceptible individuals. At room temperature, vapors are minimal due to low vapor pressure. If heated, excessive concentrations are attainable that could be hazardous on single exposure and may cause respiratory irritation.

EYE CONTACT: Vapors from heated product may cause eye irritation.

SKIN CONTACT: Possible dermatitis after chronic exposures. None for acute exposures.

TARGET ORGANS: None Known

CHRONIC: None Known

4. FIRST AID MEASURES

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

EYE CONTACT: Flush eyes with large amounts of water for 20 minutes until irritation subsides. If irritation persists, get medical attention. If molten materials enter eyes, seek immediate medical attention.

SKIN CONTACT: Wash with soap and water until no odor remains. If redness or swelling develops, obtain medical attention. Remove grossly contaminated clothing, including shoes, and launder before reuse.

INGESTION: Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint and Method : Not Available

Flammable Limits : Not Applicable

Autoignition Temperature : Not Applicable

GENERAL HAZARD: Product is neither combustible or flammable; however, under extreme heat product may undergo decomposition releasing monomers of styrene, butadiene, aromatic tars and other unknown decomposition products.

FIRE FIGHTING INSTRUCTIONS: Downwind personnel should be evacuated. Avoid skin contact.

FIRE FIGHTING EQUIPMENT: Use Carbon dioxide, dry chemical or water as extinguishing media.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide, Styrene, Butadiene, Aromatic Tars and other unknown decomposition products.

NFPA HMIS

Fire: 1

Health: 1

Reactivity: 0

Specific: -

6. STABILITY AND REACTIVITY

GENERAL: Stable under normal storage conditions.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: None

HAZARDOUS DECOMPOSITION: Will not occur

7. HANDLING AND STORAGE

STORAGE TEMPERATURE: Not Applicable

STORAGE PRESSURE: Not Applicable

GENERAL: Store material in original containers. Do not reuse empty containers as residue may be hazardous. Do not cut or use torch on empty containers. Isolate storage areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general and/or local exhaust with proper filtration equipment to control airborne levels below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection: Atmospheric levels for dust should be maintained below exposure limits. When respiratory protection is needed for certain operations, use only approved (NIOSH) dust masks or organic cartridge respirators. For emergency and other conditions where OSHA limits may be greatly exceeded, use approved (NIOSH) positive pressure self-contained breathing apparatus.

PROTECTIVE CLOTHING: Use at a minimum long-sleeved work clothes, impervious disposable gloves. Use chemical safety goggles. Where contact with this material in molten form is likely, chemical goggles combined with a full face shield is recommended for full protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE : Negligible
VAPOR DENSITY : Not Applicable
SPECIFIC GRAVITY : 1.04 @ 70oF
SOLUBILITY IN WATER : Insoluble
EVAPORATION RATE : Not Applicable
pH : Not Applicable
BOILING POINT : Not Available
FREEZING POINT : Not Available
VISCOSITY : Not Applicable
ODOR : Slight
APPEARANCE : White Powder or buttons
PHYSICAL STATE : Solid @ 25oC
VOLATILES : <1.5% Water
DECOMPOSITION TEMP : ~200oF

10. ACCIDENTAL RELEASE MEASURES

LAND SPILL: Evacuate and ventilate spill area, dike spill to prevent entry into water systems, wear proper protective equipment including respiratory equipment during clean-up.

11. TOXICOLOGICAL INFORMATION

OSHA standard for inert or nuisance dust are 15mg/M3. Install local exhaust systems with proper filtration equipment in addition to general ventilation. Practice good industrial hygiene. Wash exposed areas after use of this material. Do not exceed OSHA exposure limits.

12. ECOLOGICAL INFORMATION

Large quantities may be swept up into closed containers and disposed.

13. DISPOSAL CONSIDERATIONS

Follow all federal, state and local regulations. Product is not a RCRA waste.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION): Not Transportation Regulated
PROPER SHIPPING NAME: Not Applicable
HAZARD CLASS: Not Applicable
IDENTIFICATION NUMBER (UN/NA): Not Applicable
Packing Group: Not Applicable
Reportable Quantity: Not Applicable
General Transportation Information: Plastic Material, Flakes, N.O.I.

15. REGULATORY INFORMATION

CERCLA (Comprehensive Response Compensation, and Liability Act): Not Applicable
SARA TITLE III (Superfund Amendments and Reauthorization Act): This product does not contain any substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
CALIFORNIA PROPOSITION 65: This product does not contain materials known by the State of California to cause cancer or reproductive toxicity.

16. OTHER INFORMATION

This MSDS complies with 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD). Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, WRC makes no representations as to the completeness or accuracy thereof.

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