



## SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION

Product identifier used on the label:

**Product Name:** Westco HSR C

Other means of identification:

**Product Description:** High Styrene Resin

**Synonyms:** Substance Name: Styrene/Butadiene copolymer, HSR-80

Recommended use of the chemical and restrictions on use:

**Product Use/Restriction:** Used for colored rubber articles intended for use in automotive, footwear and electrical industry production as well as for hard rubbers and ebonites production.

Chemical distributor, or other responsible party Name, address, and telephone number:

**Distributor Name:** Western Reserve Chemical Corporation

**Address:** 4837 Darrow Road  
Stow, OH 44224  
USA

**General Phone Number:** 330 650 2244

**General Fax Number:** 330 650 2255

Emergency phone number::

**Emergency Phone Number:** Chemtrec 1 800 424 9300 USA

**Website:** www.wrchem.com

### SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

**GHS Class:** Under normal conditions, this product contains no substances which at their given concentration, are considered to be hazardous to health

Hazards not otherwise classified that have been identified during the classification process:

**OSHA Class:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Styrene-butadiene copolymer	9003-55-8	80% by Mole	

### SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

**Eye Contact:** Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately. Particles should be removed from the eye by trained medical personnel only

**Skin Contact:** No direct injury to the skin. In case of contact with the melted substance skin should be immediately cooled down with pure water. Do not remove adhered material from the skin until it is cold. Consult a physician in case of burns.

**Inhalation:** In case of inhalation of vapors released from melted product nausea may occur. Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician

**Ingestion:** Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Contact physician.

Indication of immediate medical attention and special treatment needed:

**Note to Physicians:** Treat symptomatically  
**Notes :** In normal conditions the product does not create any direct hazard.

## SECTION 5 : FIRE FIGHTING MEASURES

### Suitable and unsuitable extinguishing media:

**Suitable Extinguishing Media:** Water spray, carbon dioxide, extinguishing powders foam

### Special protective equipment and precautions for fire-fighters:

**Protective Equipment:** Self-contained breathing apparatus and full protective gear.

**Fire Fighting Instructions:** Clear area of all non emergency personnel. Do not enter confined fire space without full protective gear including a positive pressure self contained breathing apparatus (SCBA). Isolate fuel supply from fire.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

**Personnel Precautions:** Use personal protective equipment as required.

### Environmental precautions:

**Environmental Precautions:** Prevent entry into waterways, sewers, basements or confined areas.

### Methods and materials for containment and cleaning up:

**Spill Cleanup Measures:** Collect the product mechanically.

### Methods and materials for containment and cleaning up:

**Methods for containment:** Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry.

**Methods for cleanup:** Sweep up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

## SECTION 7 : HANDLING and STORAGE

### Precautions for safe handling:

**Handling:** Proper ventilation at the workplace should be provided. Avoid contact with skin and inhalation of vapors. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Use spark-proof tools and explosion-proof equipment. Take necessary action to avoid static electricity discharge.

**Hygiene Practices:**

- \* Do not inhale vapors, fumes or mists of this product.
- \* Wash thoroughly after handling.
- \* When using, do not eat, drink or smoke.
- \* General industrial hygiene practice.

### Conditions for safe storage, including any incompatibilities:

**Storage:** Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers.

### Specific end use(s):

**Work Practices:**

- \* Safety showers and eye wash stations should be available.
- \* Use this product with adequate ventilation.
- \* Handle in accordance with good industrial hygiene and safety practices.

## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### Appropriate engineering controls:

**Engineering Controls:** In normal conditions (ambient temperature, handling according to item 7), the product does not create any danger to health. During high temperature processing some volatile substances may be evolved and proper ventilation of the workplace is necessary.

#### Individual protection measures:

**Eye/Face Protection:** Safety glasses with side-shields.

**Skin Protection Description:** Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### PPE Pictograms:



**Personal protective equipment** Personal protection equipment should be chosen after consideration of the degree of exposure at the

workplace and the operations performed by the worker.

## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

### PHYSICAL AND CHEMICAL PROPERTIES:

**Physical State:** solid  
**Physical State Appearance:** powder granules  
**Color:** ivory-white  
**Odor:** Slight  
**Boiling Point:** No Information Provided.  
**Melting Point:** No Information Provided.  
**Density:** 0.93-0.97 g/cm<sup>3</sup> at 20°C  
**Solubility:** Insoluble in water.

## SECTION 10 : STABILITY and REACTIVITY

### Reactivity:

**Reactivity:** Hazardous reactions are not known.

### Chemical Stability:

**Chemical Stability:** Stable under recommended handling and storage conditions.

### Conditions To Avoid:

**Conditions to Avoid:** Extreme temperatures and direct sunlight.

### Incompatible Materials:

**Incompatible Materials:** Strong oxidizing agents and acids.

### Hazardous Decomposition Products:

**Special Decomposition Products:** Thermal decomposition occurs at temperatures of 400°C with butadiene, styrene and their derivatives being released.

**Notes :** In case of fire toxic and inflammable vapors may be given off.

## SECTION 11 : TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION:

**Acute Toxicity:** No data available

**Notes :** No information or data specific to the product on toxicological health effect is available.

## SECTION 12 : ECOLOGICAL INFORMATION

### Ecotoxicity:

**Ecotoxicity:** Product is not mobile.  
Product is water insoluble and its biodegradation in air, in water and soil is minimal.  
Significant air pollution may occur during fire.  
Rubber wastes such as small elements, deposits from traps and various fractions of plastics do not belong to the group of dangerous wastes.

**Regulatory Notes:**

## SECTION 13 : DISPOSAL CONSIDERATIONS

### Description of waste:

**Waste Disposal:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging:** Do not reuse container.

## SECTION 14 : TRANSPORT INFORMATION

**DOT Shipping Name:** Westco HSR-C Not Regulated

**DOT Pictograms:**



**IATA Shipping Name:** Westco HSR-C Not Regulated

IATA Pictograms:



IMDG Shipping Name : Westco HSR-C Not Regulated

## SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

TSCA Inventory Status: Listed

SARA: Under the provisions of Title III, sections 311 & 312 - non-hazardous

CERCLA Section 302: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Other regulatory info. Product is not classified and not labelled as a dangerous preparation according to EC directives concerning the classified by IARC as carcinogenic to humans and is listed in Group 1 Exposure circumstances.

## SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1  
HMIS Fire Hazard: 1  
HMIS Reactivity: 0  
HMIS Personal Protection: J

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	J

SDS Revision Date: June 08, 2015

Notes : This information relates to the specific product described herein and may not be valid for this material when used in combination with other raw materials. The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.

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