

HB CHEMICAL CORPORATION

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Date: June, 2010

Material Safety Data Sheet

SECTION I CHEMICAL and COMPANY IDENTIFICATION

PRODUCT: HSR
CHEMICAL NAME: *High Styrene Rubber*
COMMON/GENERIC NAME: High Styrene/butadiene rubber
CHEMICAL FAMILY: *Polymers*
MANUFACTURER:
DISTRIBUTOR: HB CHEMICAL CO Cust. Service 330-920-8023
EMERGENCY NUMBERS: CHEMTREC 800-424-9300
CANUTEC(Canada) 613-996-6666

SECTION II COMPOSITION / INGREDIENT INFORMATION

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
COMPOSITION: Styrene/Butadiene Copolymer	NA	NA

C.A.S.# 9003-55-8
Styrenated Phenols (.75 %) – CAS # 61788-44-1

SECTION III/IV HAZARDS / FIRST AID PROCEDURES

GENERAL ADVICE: Handling of HSR rubber is not a serious health hazard and does not require special first aid facilities. If in doubt, seek medical attention.

EYE: Irrigate with large amounts of water. Get medical attention

SKIN: Wash with warm water and mild soap.

INGESTION: Seek medical assistance; avoid consuming food in working area.

INHALATION: Seek medical assistance.

IN ALL CASES OF EMERGENCY, CONTACT A PHYSICIAN

SECTION V FIRE AND EXPLOSION INFORMATION

Flammability: Yes **Flammability Conditions:** Heat; Oxidation
Extinction Means: Water, ABC Dry Chemical Extinguisher **Flashpoint:** NA **Upper Explosion Limits:** Unknown
Lower Explosion Limits: Unknown **Auto Ignition Temperature:** NA **TDG Flammability Classification:** Unknown **Hazardous Combustion Products:** Carbon Monoxide
Rate of Burning: Varies **Explosive Power:** Unknown **Sensitivity to Static Discharge:** Unknown

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SECTION VI

SPILLS AND ENVIRONMENTAL INFORMATION

SPILL OR LEAK PRECAUTIONS: Wear appropriate protective clothing, gloves and equipment. Collect spilled material by sweeping up solid powder and disposing of according to local regulations for this type of product. Major spills should also be reported to the National Response Center. Spills with potential to contaminate coastal waterways must be reported to the U.S. Coast Guard (800-424-8802)

WASTE DISPOSAL: All containers should be effectively labeled to facilitate the appropriate disposal or reclaim.

SECTION VII EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment: Clothing when Processing.
Gloves: Yes **Respiratory:** No **Eye:** Yes **Footwear:** Yes **Clothing:** Yes
Engineering Controls: Ventilate during processing **Leak and Spill Procedure:** N/A
Waste Disposal: Bury or Burn under controlled conditions. Reclaim.
Storage Requirements: Avoid heat, direct sunlight and contact with oxidation-catalysts.

SECTION VIII PHYSICAL AND CHEMICAL INFORMATION

Physical State: Solid	Odor: Slight
Appearance: Variable	Evaporation Rate: Not Applicable
Specific Gravity: 0.92	Boiling Point: Not Applicable
Vapor Pressure: Not Applicable	Viscosity cPs (25°C) = Solid
Solubility in Water: Insoluble	pH (aqueous suspension 100g/L): N/A

SECTION IX

STABILITY AND REACTIVITY

Chemical Stability: Yes
Incompatibility to other substances: Heavy Metals (eg: Cu) acting as pre-oxidants.
Reactivity and under what conditions: Starts to decompose above 220°C, finally emitting vapours which may be toxic and flammable at temperatures near 300°C.
Hazardous Decomposition Products: Isoprene derivatives: Carbon monoxide.

SECTION X

TOXICOLOGICAL INFORMATION

Route of Entry- Ingestion
Affects of Acute Exposure to Product- Unknown, but avoid ingestion
Effects of Chronic Exposure to Product- Unknown, but avoid ingestion
LD50 of Product (Route)- Unknown Irritancy of Product- Unknown Exposure Limits of Product- Unknown.

SECTION XI

ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No information available.

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SECTION XVI OTHER INFORMATION

Prepared: June, 2006

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other or additional considerations.

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