

# HB CHEMICAL CORPORATION

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Date: June, 2011

## Material Safety Data Sheet

### SECTION I CHEMICAL and COMPANY IDENTIFICATION

**PRODUCT:** Butyl Rubber – BK 1675N

**CHEMICAL NAME:** *Isobutylene – Isoprene Copolymer*

**COMMON/GENERIC NAME:** Butyl Rubber

**CHEMICAL FAMILY:** *Isobutylene – Isoprene Copolymer (IIR)*

**MANUFACTURER:** Russian Plants

**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

OSHA PEL ACGIH TLV

**COMPOSITION:** This product is non hazardous as defined in 29 CFR 910.1200

CAS #: 9010-85-9

### SECTION III/IV HAZARDS / FIRST AID PROCEDURES

**GENERAL ADVICE:** Handling of solid rubber is not a serious health hazard and does not require special first aid facilities. If in doubt, seek medical attention. Hot Butyl Rubber may cause thermal burns.

**EYE:** Irrigate with water if particles enter the eye. Remove as you would any foreign object

**SKIN:** Wash with warm water and mild soap.

**INGESTION:** No hazard in normal use and condition

**INHALATION:** No hazard in normal condition

**IN ALL CASES OF EMERGENCY, CONTACT A PHYSICIAN**

### SECTION V FIRE AND EXPLOSION INFORMATION

**Flammability:** Yes **Flammability Conditions:** Heat; Oxidation

**Exinction Means:** Water, ABC Dry Chemical Extinguisher **Flashpoint:** > 482 F **Upper Explosion**

**Limits:** Unknown **Lower Explosion Limits:** Unknown **Auto Ignition Temperature:** > 300°C **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

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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.

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## **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.

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## **SECTION VIII PHYSICAL AND CHEMICAL INFORMATION**

Physical State: Solid

Appearance: Variable

Specific Gravity: 0.92

Vapor Pressure: Not Applicable

Solubility in Water: Insoluble

Odor: Slight

Evaporation Rate: Not Applicable

Boiling Point: Not Applicable

Viscosity cPs (25°C) = Solid

pH (aqueous suspension 100g/L): N/A

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## **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:** Not applicable

**Hazardous Decomposition Products:** Isoprene derivatives: Carbon monoxide.

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## **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.

Observe OSHA regulation 29CFR1910.1000 5mg/m<sup>3</sup> (respirable dust), and 15 mg/m<sup>3</sup> (total dust) based on nuisance dust limits.

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## **SECTION XI ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** No information available.

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## **SECTION XVI OTHER INFORMATION**

**Additional Information/Comments: Butyl Rubber is not a hazardous material. This MSDS is supplied as a courtesy.**

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Prepared: January, 2008

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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