



MATERIAL SAFETY DATA SHEET

COMPANY: UNITED CHEMICAL PRODUCTS
1 Gapsalskaja str.
198035 St. Petersburg , Russia

COMMERCIAL PRODUCT NAME: BK - 1675N

CHEMICAL CHARACTERISATION

CHEMICAL NAME : Isobutylene - Isoprene copolymers

CAS NUMBER : 68441-14-5

CHEMICAL FAMILY : Butyl Rubber (IIR)

FORMULA : (C₄H₈)_m(C₅H₈)_n m>>n

HAZARDOUS OR CARCINOGENIC INGREDIENTS : None

PHYSICAL AND CHEMICAL DATA

APPEARANCE : Off white to amber rubbery solid

ODOR : None

SOLUBILITY IN WATER : Insoluble

SPECIFIC GRAVITY : 0,92

MELTING POINT : Not applicable

FLASH POINT : Not applicable

LOW EXPLOSION LIMIT (% w/w) : Not applicable

UPPER EXPLOSION LIMIT (% v/v) : Not applicable

VAPOUR PRESSURE : Not applicable

BOILING POINT : Not applicable

AUTO IGNITION TEMP : Not applicable

VOLATILES : Max. 0,7% at 105 °C

ANTIOXIDANT : Max. 0,2%

HAZARDOUS REACTIONS : None

HAZARDOUS DECOMPOSITION PRODUCTS: Flammable hydrocarbons

HAZARDOUS COMBUSTION PRODUCTS: Oxygen-lean combustion produces carbon monoxide and irritating smoke

LABELLING AND CLASSIFICATION

EEC NUMBER :
 CLASSIFICATION : Not regulated

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY :
 INHALATION : - No hazard at ambient temperature (- 18 to 38°C)
 - At high temperature flammable / toxic gases will form upon decomposition

CORROSIVENESS / IRRITATING PROPERTY:

- SKIN: No hazard in normal industrial use. Exposure to hot material may cause thermal burns
- EYES: Particles may scratch eye surfaces and cause mechanical irritation

MAC LIMITS

TLV - TWA : Not available
 TLV - STEL : Not available

Not hazardous - Inert solid material

Local exhaust is recommended when hot material is handled.

EMERGENCY AND FIRST AID PROCEDURE

FIRST AID FOR :

- CONTACT WITH SKIN:

cold Hot products: Immediately immerse in or flush the affected area with large amount of water to dissipate heat.
 Cover with clean cotton sheeting or gauze and get prompt medical attention.
 No attempt should be made to remove material from skin or to remove contaminated clothing as the damaged flesh can be easily torn.

- CONTACT WITH EYES:

This product is an inert solid. If in the eyes, remove as with any foreign object.

- INHALATION(in case of exposure to combustion and decomposition products)
 Using proper respiratory protections, immediately remove the affected victim from exposure.
 Administer artificial respiration if breathing is stopped.
 Call for prompt medical attention.

FIRE FIGHTING PROCEDURES

- Extinguish the fire by cooling with water spray.
- Respiratory and eye protection required for fight fighting personnel.

NOTES:

Material can form flammable mixtures or can burn only upon heating to temperature higher than 189°C.

STORAGE

CAUTIONS:

The product is shipped in wooden crates of 500 kg gross weight. The product is a non-hazardous material and does not require special precautions during handling and storing.

WARNINGS FOR STORAGE:

Shelf-life of the product is greater than 2 years when kept in a cool, dry and closed environment.

The storage temperature should not exceed 40°C (the cooler the better to extend shelf -life)

INTERNATIONAL TRANSPORTATION

RID -ADR : none
IMO : none
LATA : none

This product is classified as non-hazardous and is not regulated.

SPILL AND DISPOSAL PROCEDURE

- Recover spilled material and place in suitable containers for recycle or disposal.
- Dispose recovered material in conformity to local disposal regulations.

DATE

FIRST ISSUE: Jan 15, 1993
Last Revision : March 20, 2009

This information are based on the relevant literature available at the moment of the form filling and are to the best of our knowledge accurate. However, it is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.