

# HB CHEMICAL COMPANY

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Date: June 7, 2006  
Replaces: July 15, 2004

## Material Safety Data Sheet

### SECTION I

#### CHEMICAL and COMPANY IDENTIFICATION

**PRODUCT:** *Vulcanol Brown BE, Brown BN, Brown BN Soft*  
**CHEMICAL NAME:** *Vulcanized Vegetable Oil*  
**COMMON/GENERIC NAME:** *Factice*  
**CHEMICAL FAMILY:** -  
**MANUFACTURER:** PUNEET POLYMERS – Mumbai, India  
**SUPPLIER:** HB CHEMICAL CO., 330-920-8023  
**EMERGENCY NUMBERS:** *CHEMTREC 800-424-9300 CANUTEC(Canada) 613-996-6666*

### SECTION II

#### COMPOSITION / INGREDIENT INFORMATION

**COMPOSITION:** Rapeseed oil, vulcanized: 100%  
C.A.S.# 68153-37-7

<u>Exp.Limits</u>	<u>LD50/LC50</u>
None established	No data found

### SECTION III/IV

#### HAZARDS / FIRST AID PROCEDURES

**EMERGENCY OVERVIEW:** A rubbery gel/crumb/lump material ranging from dark brown to white. Brown grades have a strong sulfur odor and white grades have a mild chalky odor. Overexposure is not expected to cause any significant toxic effects. Treat as a nuisance dust.  
**EYE:** Flush eyes with water for 15 min. Call a physician if irritation develops.  
**SKIN:** May be mildly irritating. Wash skin with soap and water.  
**INGESTION:** Do not ingest. Do not induce vomiting. In large enough quantity, ingestion may cause central nervous system depression. Seek medical attention.  
**INHALATION:** Remove to fresh air; give artificial respiration or oxygen if necessary.  
**TOXICITY:** No significant adverse effects expected. Not considered toxic/hazardous.  
**CARCINOGENICITY:** Not listed by NTP, IARC or OSHA

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

### SECTION V

#### FIRE AND EXPLOSION INFORMATION

**FLASH POINT:** Not Determined

**FIRE-FIGHTING PROCEDURES:** Use Chemical foam, CO<sub>2</sub>, Dry Chemical. Water fog or spray can be used to control fire, but is generally ineffective for direct fire suppression.

**HAZARDOUS COMBUSTION PRODUCTS:** This product will decompose under extreme temperatures forming oxides of carbon and sulfur.

**PROTECTIVE EQUIPMENT:** Fire fighters should wear self-contained breathing apparatus when exposed to oxides of sulfur and carbon.

Corporate Office:  
140 E. Ascot Lane  
Cuyahoga Falls, OH 44223

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Tel. 330-920-8023  
Fax 330-920-0971

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## SECTION VI SPILLS AND ENVIRONMENTAL INFORMATION

**SPILL OR LEAK PRECAUTIONS:** Wear appropriate protective equipment and gloves. Sweep up solid lumps and crumbs and dispose of according to local regulations. 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 HANDLING AND STORAGE

Store in sealed containers in dry, ambient temperature conditions. No special handling procedures are indicated.

## SECTION VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

**VENTILATION:** Use only where sufficient ventilation exists to keep exposure levels of fumes and dust below recommended levels.

**RESPIRATORY AND PERSONAL PROTECTION:** Respirators should be selected when TWA exceeded. Avoid hot vapors when mixing or packaging. Safety glasses with side shields; gloves, boots and apron as appropriate.

**FACILITIES:** There should be a shower facility and eyewash in the building where this product is being stored and handled. Exercise good chemical handling practice.

## SECTION IX PHYSICAL AND CHEMICAL INFORMATION

Appearance: Dark brown crumb  
Specific Gravity @25°C = 1.06  
Vapor Pressure: Not Determined  
Viscosity cPs (25°C) = Not Applicable

Evaporation Rate: Not Applicable  
Boiling Point: Not Applicable  
Refractive Index 25°C: Not Determined

## SECTION X STABILITY AND REACTIVITY

Under normal storage conditions, this product a) is stable; b) will not polymerize or exotherm; c) should be kept away from extreme heat, strong oxidizers and bases; d) this product decomposes under high temperature and hydrolyses in humid conditions.

## SECTION XI TOXICOLOGICAL INFORMATION

Not Determined

## SECTION XII ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No information available.

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## SECTION XIII

### DISPOSAL CONSIDERATIONS

This material has the characteristics of rubber and is not considered a disposal problem. It has long-term potential to biodegrade.

## SECTION XIV

### TRANSPORTATION INFORMATION

**DOT:** Not restricted. Use a standard commercial label.  
**CANADA TRANSPORT HAZ.GOODS:** Not restricted.  
**AIR (IATA/ICAO):** Not restricted. Use commercial label showing chemical name.  
**EUROPEAN TRANSPORTATION:** ADR/RID HAZ. CLASS.: Not regulated.  
**US CUSTOMS:** - HARMONIZED TARIFF CODE: 4002.99.0000

## SECTION XV

### REGULATORY INFORMATION

**SARA TITLE III:** - 311/312 CATEGORIES: Not listed.  
“ “ - 313 Reportable ingredients: None  
**CERCLA RQ:** Not applicable.  
**TSCA REGULATORY:** All intentional ingredients are listed in the TSCA Inventory.

**CANADA WHMIS HAZARD SYMBOL AND CLASS:** Not Regulated  
**CANADA INGREDIENT DISCLOSURE LIST:** Does not contain any ingredients on the IDL. All intentional ingredients are on the DSL.

## SECTION XVI OTHER INFORMATION

HMIS Label: Fire: 1  
Health: 0  
Reactivity: 0  
Protection: C

Prepared: Dec. 21, 2004 (PCR)

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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