

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT INFORMATION

**Supplier Name**

The Mill-Rose Company  
7310 Corporate Blvd.  
Mentor, OH 44060  
(800) 321-3598

**Emergency Telephone No.**

(800) 321-3598

**Date Prepared:** April 1, 2012

Replaces: January 1, 2008

**Product**

Blue Monster Thread Sealant  
with PTFE

**Trade Names and Synonyms**

Blue Monster Industrial Grade Compound  
with PTFE

## SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY

Ingredients	OSHA PEL	ACGIH TLV	Other Limits	Percent
Isopropanol (CAS#67-63-0)	400 ppm	400 ppm	N/A	8-13%
Butyl Cellosolve (CAS#111-76-2)	50 ppm	25 ppm	N/A	20-25%

## SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point** – 180°F

**Vapor Pressure** (mm Hg) - .88

**Vapor Density** (Air=1) - >1

**Solubility in Water** - Slight

**Appearance and odor** – White paste – mild odor

**Specific Gravity** (H<sub>2</sub>O=1) - 1.41

**Melting Point:** N/A

**Evaporation Rate** (Butyl Acetate=1): .6

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point** (Method Used) – 82°F (28°C) ASTM Method D93-80

**Flammable Limits:** 921°F (494°C) Ignition Temperature LEL – 1.1 UEL – 10.6%

**Extinguishing Media:** Carbon dioxide or dry chemical or water

**Special Fire Fighting Procedure:** None

**Unusual Fire and Explosion Hazards** – Contact with strong oxidizers may cause fires or explosions.  
Carbon monoxide may be released.

## SECTION 5 – REACTIVITY DATA

**Stability:** Stable

**Incompatibility (Materials to avoid):** Liquid oxygen systems, liquid sodium, gaseous fluorine, strong oxidizers

**Hazardous Decomposition or Byproducts:** N/A

**Hazardous Polymerization:** Will not occur

**SECTION 6 - HEALTH HAZARD DATA**

**Route(s) of Entry:** Inhalation: Yes Skin: Yes Ingestion: Yes

**Health Hazards (Acute & Chronic) -** None

**Carcinogenicity:** NTP?: No IARC Monographs?: No OSHA Regulated?: No

**Signs and Symptoms of Exposure** – Inhalation: Possible dizziness if used in confined area. Skin: May cause mild irritation to sensitive skin.

**Medical Condition Generally Aggravated by Exposure:** - None known

**Emergency and First Aid Procedure** – Eye contact: Flush eyes with water. Skin: Wash exposed area with soap and water. Wash clothing before reuse. Inhalation: Move to well ventilated area. Ingestion: Consult a physician.

**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken in case Material is Released or Spilled:**

Normal good housekeeping procedures.

**Waste Disposal Method:** Disposable to be done in accordance with local, state and federal regulations.

**Precautions to be taken in Handling and Storage:** Store away from heat or open flame. Close container after use.

**Other precautions:** Wear protective gloves to prevent possible skin absorption and dermatitis. Keep out of reach of children.

**SECTION 8 – CONTROL MEASURES**

**Respiratory Protection (Specify Type):** Avoid breathing of fumes. If used in a confined area, a respirator may be necessary.

**Ventilation** – Local Exhaust: Normal ventilation is adequate

Special: N/A

Mechanical (General): N/A

Other: N/A

**Protective Gloves:** May be necessary for sensitive skin.

**Eye Protection:** Keep out of eyes. Wear protective goggles where necessary.

**Other Protective Clothing or Equipment:** N/A

**Work/Hygienic Practices:** Wash up with soap and water after use.

**NOTICE FROM THE MILL-ROSE COMPANY**

*The information in this Material Safety Data Sheet (MSDS) relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. We believe that the information contained herein is current as of the date of the MSDS. Since use of this information and these opinions and the conditions of use of the product are not within the control of The Mill-Rose Company, it is the user's obligation to determine the conditions of safe use of the product.*