

# Safety Data Sheet

SDS ID: Stock Code 76023, 76025, 76027, 76029

Revision date: April 22, 2015

## Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Blue Monster™ Stay-Soft Thread Sealant  
**Synonyms:** None  
**Chemical family:** Alkaline Earth Carbonate and PTFE mixture  
**Producer:** The Mill-Rose Company  
7310 Corporate Blvd.  
Mentor, OH 44060

**Telephone:** 800-321-3598 Available during normal business hours

**Emergency:** 800-321-3598 Available during normal business hours

## Section 2. HAZARDS IDENTIFICATION

### GHS Classification in accordance with 29 CFR 1910.1200

Skin Corrosion/Irritation, *Category 3*

Eye Damage/Irritation, *Category 2B*

Hazardous to the aquatic environment, acute hazard, *Category 3*

### Signal Word and Hazard statements

**Warning** — Causes mild skin irritation H316  
Causes eye irritation H320  
Harmful to aquatic life H402

### Precautionary Statements

P332 + P313 If skin or eye irritation occurs: Get medical advice/attention

P305+P338 If in eyes, check for and remove any contact lenses if present and easy to do so.

P351 Rinse eyes cautiously with tepid water for several minutes.

P337 If eye irritation persists, continue rinsing.

P273 Avoid release to the environment – if this is not the intended use.

P501 Dispose of contents in accordance with Federal, State, Provincial, and local regulations

**Inhalation:** Not applicable

**Ingestion:** Unlikely to be toxic by ingestion. Provide first aid (see Section 4)

**Skin contact:** P264 Wash hands thoroughly after handling. May cause mechanical irritation from prolonged or repeated contact.

**Eye contact:** May cause mechanical eye irritation.

**Carcinogenic:** Titanium dioxide is listed by the IARC as group 2B, see Section 11.

### Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Material information:**

Name	CAS No.	Weight %
Limestone	1317-65-3	17-23
Dolomitic limestone (Magnesite)	471-34-1 and 546-93-0	17-23
Talc	14807-96-6	8-13
Wollastonite	13983-17-0	8-13
Titanium dioxide	13463-67-7	<5
Zinc oxide	1314-13-2	<5
PTFE (Teflon®)	9002-84-0	<5
Non-hazardous ingredients	Not Applicable	13-47

*\*Note: The above weight percentages are represented in ranges as estimates. Due to variation among production batches, component percentages may vary.*

### Section 4. FIRST AID MEASURES

**General Advice:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of the dangerous area.

**Inhalation:** Move exposed persons to fresh air. If the person is not breathing or breathing is irregular, provide artificial respiration or oxygen by trained personnel. Consult a physician.

**Skin contact:** Remove contaminated clothing and shoes. Wash affected skin with soap and water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse.

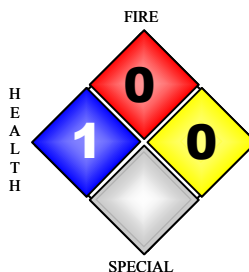
**Ingestion:** Unlikely to be toxic by ingestion. Do not induce vomiting. Never give anything by mouth to an unconscious person. If conscious and alert, rinse the mouth with water. Call a physician or poison control center immediately.

**Eye contact:** P305+P338 If in eyes, check for and remove any contact lenses if present and easy to do so. P351 Rinse eyes cautiously with tepid water for several minutes. P337+313 If eye irritation persists, continue rinsing and get medical advice/attention.

### Section 5. FIREFIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use water spray, foam, carbon dioxide, or dry chemical. Water or foam may cause frothing of materials heated above 212°F.
<b>Specific hazards:</b>	None
<b>Advice for Firefighters:</b>	Full protective equipment including self-contained breathing apparatus should be used. Do not allow run-off from fire-fighting to enter drains or water courses.

	NFPA rating: HMIS rating:	
<b>Health:</b>	1	1
<b>Flammability:</b>	0	0
<b>Instability/reactivity:</b>	0	0
<b>Other:</b>	N/A	B (PPE)



<b>Hazardous</b>
<b>FP - above 200 F</b>
<b>Stable</b>
<b>N/A</b>

## Section 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Immediately contact emergency personnel. Evacuate any potentially affected area and isolate personnel from entry. Keep ignition sources away from the spill/release.
<b>Large Spill:</b>	Personnel must have appropriate training, per Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop the spill if it can be done safely.
<b>Methods for Containment and Clean up</b>	Shut off source if possible and if safe. Prevent entry into waterways and sewers. Wipe up or absorb on suitable material. Use a shovel to put the material into a convenient waste disposal container. Keep absorbed material in closed containers for disposal. Advise applicable authorities if material has entered sewers or water courses.

## Section 7. HANDLING AND STORAGE

<b>Handling:</b>	Keep away from ignition sources. Keep containers closed when not in use. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Launder soiled clothing thoroughly before re-use.
<b>Storage:</b>	Keep all containers tightly closed when not in use. Do not store with incompatible materials. See Section 10, Stability and Reactivity.

## Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Name	CAS No.	ACGIH <sup>®</sup> TLV <sup>®</sup> or NIOSH REL Exposure Limits:	Federal OSHA PELs	OSHA PELs 1989 <sup>c</sup>
Limestone	1317-65-3	10 <sup>A</sup> , 3 <sup>A,D</sup>	15 <sup>A</sup> , 5 <sup>A,D</sup>	-
Dolomitic limestone (Magnesite)	471-34-1 546-93-0	10 <sup>A</sup> , 3 <sup>A,D</sup>	15 <sup>A</sup> , 5 <sup>A,D</sup>	-
Talc	14807-96-6	2 <sup>D</sup>	Not Estab.	2 <sup>D</sup>
Wollastonite	13983-17-0	Not Estab.	Not Estab.	Not Estab.
Titanium dioxide	13463-67-7	10 <sup>A</sup> , 3 <sup>A,D</sup>	15 <sup>A</sup> , 5 <sup>A,D</sup>	10 <sup>A</sup>
Zinc oxide	1314-13-2	2 <sup>D</sup> , 10 <sup>B,D</sup>	15 <sup>A</sup> , 5 <sup>A,D</sup>	10 <sup>A</sup> , 5 <sup>A,D</sup>
PTFE (Teflon <sup>®</sup> )	9002-84-0	Not Estab.	Not Estab.	Not Estab.

All exposure limits listed are 8-hour time weighted average (TWA) — except where noted otherwise.

<sup>A</sup> Time Weighted Average (TWA) is an average exposure over the course of an 8-hour work shift. As measured in milligrams particulate per cubic meter of air.

<sup>B</sup> A Short Term Exposure Limit TWA over the course of 15 minutes.

PEL — Permissible Exposure Limit is the maximum 8-hour TWA concentration of a chemical that a worker may be exposed to under Occupational Safety and Health Administration (OSHA) regulations.

<sup>C</sup> Federal OSHA 1989 PELs were vacated but are in use and enforced by many state OSHA plans.

<sup>D</sup> Respirable-size particulate.

**Engineering measures:** Local exhaust ventilation is preferable. General ventilation is acceptable if exposure to materials in this section is maintained below applicable exposure limits.

## PERSONAL PROTECTIVE EQUIPMENT

**Respiratory protection:** When engineering controls are not sufficient to reduce exposure to levels below applicable exposure limits, seek professional advice prior to respirator selection and use. Wear a properly fitted NIOSH/ MSHA-approved respirator.

**Skin and body protection:** Wear impervious clothing and rubber gloves to prevent contact. Use the manufacturer's degradation and permeation data for protective material selection.

**Eye protection:** Wear safety spectacles with unperforated sideshields.

**Hygiene measures:** Avoid repeated or prolonged skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove contaminated clothing and launder before reuse.

**Other precautions:** Not applicable

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Arctic blue paste
<b>Physical state (solid/liquid/gas):</b>	Paste
<b>Substance type (pure/mixture):</b>	Mixture
<b>Color:</b>	Blue
<b>Odor:</b>	Petroleum
<b>Molecular weight:</b>	Not available
<b>pH:</b>	Not Applicable
<b>Boiling point/range (5-95%):</b>	Not Available
<b>Melting point/range:</b>	Not Available
<b>Decomposition temperature:</b>	Not Available
<b>Specific gravity:</b>	1.69
<b>Vapor density:</b>	(AIR = 1) >1
<b>Vapor pressure:</b>	<1 mm Hg
<b>Evaporation rate (Butyl acetate= 1):</b>	<0.1
<b>Flash point, method used:</b>	350°F; 177°C
<b>Water solubility:</b>	Slight
<b>VOC Content:</b>	0 grams/liter
<b>Auto-ignition temperature:</b>	Not Available
<b>Flammable limits in air — lower (%):</b>	Not Available
<b>Flammable limits in air — upper (%):</b>	Not Available

## Section 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Stability:</b>	Stable under recommended storage conditions.
<b>Possibly hazardous reactions:</b>	No data available
<b>Conditions to avoid:</b>	Extended exposures to high temperatures can cause decomposition.
<b>Incompatible Materials:</b>	Strong oxidizers, acids.
<b>Hazardous decomposition products:</b>	Carbon dioxide, carbon monoxide
<b>Polymerization:</b>	Will not occur.

## Section 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:**

**Product information:**

Name	CAS No.	Inhalation:	Dermal:	Oral:
Limestone	1317-65-3	No data available.	No data available.	Acute LD <sub>50</sub> (Rat):6,450 mg/kg
Zinc oxide	1314-13-2	Acute LC <sub>50</sub> (Mouse): 2,500 mg/m <sup>3</sup>	No data available.	No data available.
PTFE (Teflon®)	9002-84-0	LC <sub>50</sub> 4 hours (Rat): >6,820 mg/m <sup>3</sup>	No data available.	Acute LD <sub>50</sub> (Rat): >5,000 mg/kg

LC<sub>50</sub> — the concentration of the chemical in air that kills 50% of the test animals in a given time (usually four hours).

**Carcinogenicity:** The IARC lists titanium dioxide as group 2B; and lists PTFE (Teflon®) as group 3. No ingredient of this product present at levels greater than 0.1% is listed as a carcinogen by the NTP and OSHA.

**Reproductive toxicity:** No data available.

**Sensitization:** No data available.

## Section 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects: Limestone**  
LC<sub>50</sub> fish (not specified) 72-hour >200 mg/l.

**Titanium Dioxide**  
EC<sub>50</sub> Daphnia magna (Water flea) 48-hour >1,000 mg/l  
EC<sub>50</sub> Pseudokirchneriella subcapitata (green algae) 72-hour 61 mg/l  
LC<sub>50</sub> Pimephales promelas (fathead minnow) 96-hour >1,000 mg/l

**Titanium Dioxide**  
EC<sub>50</sub> Daphnia magna (Water flea) 48-hour 0.098 mg/l  
LC<sub>50</sub> Oncorhynchus mykiss (rainbow trout) 96-hour 1.1 mg/l

**Persistence:** No data available.

**Degradability:** No data available.

## Section 13. DISPOSAL CONSIDERATIONS

**Cleanup considerations:** Dispose this material in accordance with Federal, State, Provincial, and/or local regulations.  
The material destined for disposal must be characterized properly and may differ from the product described in this SDS if mixed with other wastes.

## Section 14. TRANSPORT INFORMATION

Please refer to DOT regulation 49 CFR 172.101:

**Transport information:** This material is not regulated under DOT when transported via U.S. commerce routes; and IATA, and IMO via international routes

**Hazardous Materials Description:** (DOT and IATA):

**UN/identification no.:** Not Applicable  
**Proper shipping name:** Not Applicable  
**Hazard class:** Not Applicable  
**Packing group:** Not Applicable  
**DOT reportable quantity (lbs.):** Not Applicable

## Section 15. REGULATORY INFORMATION

**U.S. federal regulatory information:**

### U.S. RCRA (40 CFR 261)

This product is not a hazardous waste as defined under RCRA 40 CFR 261.

**State and community right-to-know regulations:**

*The following component(s) of this material are identified on the regulatory lists below:*

### U.S. TSCA Chemical inventory Section 8(b)

**OSHA** — This product is determined to be hazardous as defined in the OSHA Hazard Communications Standard (29 CFR 1910.1200)

### CERCLA Sections 102a/103 (40 FR 302.4):

No ingredients are listed.

Components of this product are listed not in the following sections of **SARA**:

SARA Title III Section 302 — N/A

SARA Title III Section 304 — N/A

SARA Title III Section 313 — This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels.

### SARA Title III Sections 311/312 Hazardous Categories (40 CFR 370.21)

Acute health hazard: No  
Chronic health hazard: No  
Fire hazard: No  
Reactive Hazard: No  
Pressure Hazard: No

### California Proposition 65 Components

This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm (quartz  $\leq 0.01\%$ ). The listing of titanium dioxide is for “airborne, unbound particles of respirable size”. This listing is not applicable to titanium dioxide when it remains bound with a product matrix.

### WHMIS (Canada)

Titanium dioxide: Class D-2A: Material causing other toxic effects.

CAS# 1317-65-3 is listed on Canada’s Non-Domestic Substance List

**NOTE:** User must consult with applicable state and local agencies for special specifics, determinations or compliance obligations regarding this product.

## Section 16. OTHER INFORMATION

**Standards and Certification Listings:**

The information and recommendations contained herein are based upon tests, data, and information resources believed to be reliable. However, The Mill-Rose Company and its related operations or divisions do not guarantee the accuracy or completeness, nor shall any of this information constitute a warranty, whether expressed or implied, as to the safety of goods, the merchantability of the goods or the fitness of the goods for a particular purpose. Adjustment to conform to actual conditions of usage may be required. The Mill-Rose Company assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of this data. No warranty against infringement of any patent, copyright or trademark is made or implied.