

# MATERIAL SAFETY DATA SHEET

OSHA - Meets 29 CFR 1910.1200 Standards

## HMIS HAZARD RATINGS

# FLEX-C-MENT

|              |   |                   |             |
|--------------|---|-------------------|-------------|
| HEALTH       | 1 | 0 = INSIGNIFICANT | 3 = HIGH    |
| FLAMMABILITY | 1 | 1 = SLIGHT        | 4 = EXTREME |
| REACTIVITY   | 0 | 2 = MODERATE      |             |

## TRANSPORTATION INFORMATION

|                         |               |        |                |
|-------------------------|---------------|--------|----------------|
| PROPER SHIPPING NAME:   | Not Regulated |        |                |
| HAZARD CLASS / PKG GRP: | None / None   | REF:   | Not Applicable |
| IDENTIFICATION NUMBER:  | None          | LABEL: | None Required  |

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

**Flex-Seal Supreme**

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MANUFACTURER'S NAME  
**Yoder & Sons LLC**

ADDRESS (NUMBER, STREET, P.O. BOX)  
**1810-1 E Poinsett St Ext.**  
(CITY, STATE AND ZIP CODE)  
**Greer, SC 29651**

TELEPHONE NUMBER FOR INFORMATION  
**864-877-3111**

DATE PREPARED:  
**11-16-03**

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| HAZARDOUS COMPONENTS<br>(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)) | CAS #    | %<br>(OPTIONAL) | OSHA PEL        |                   | ACGIH TWA |                   | SARA      | RQ  |
|--|----------|-----------------|-----------------|-------------------|-----------|-------------------|-----------|-----|
|  |          |                 | PPM             | MG/M <sup>3</sup> | PPM       | MG/M <sup>3</sup> | TITLE III | LBS |
| Diethylene glycol monobutyl ether (a)                                | 112-34-5 | 1 - 5           | not established |                   |           |                   | Yes       |     |
|  |          |                 |                 |                   |           |                   |           |     |
|  |          |                 |                 |                   |           |                   |           |     |
|  |          |                 |                 |                   |           |                   |           |     |
|  |          |                 |                 |                   |           |                   |           |     |
|  |          |                 |                 |                   |           |                   |           |     |

(a) Indicates a toxic chemical subject to annual reporting requirements of Section 313 of SARA Title III of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

## SECTION 3 - HEALTH HAZARD DATA

| ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE  | EMERGENCY AND FIRST AID PROCEDURES  |
|---|---|
| <p><b>INHALATION:</b> Exposure to vapors not likely. High concentrations may be irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise.</p> | <p>Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.</p> |
| <p><b>SKIN:</b> Brief contact may cause slight irritation; prolonged contact may cause moderate irritation.</p>   | <p>Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.</p>        |
| <p><b>EYES:</b> Contact may cause slight temporary irritation. Corneal injury is unlikely.</p>  | <p>Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.</p>                    |
| <p><b>INGESTION:</b> Small amounts ingested are not likely to cause injury. Ingestion of large amounts may cause headache, dizziness, diarrhea and general weakness.</p>              | <p>Do not induce vomiting unless directed to do so by medical personnel; never give anything by mouth to an unconscious person; seek medical attention.</p>                     |

CARCINOGENICITY NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

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Flex-Seal Supreme

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**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED)

&gt; 200° F (&gt; 93.3° C)

NFPA RATING

IIIB

FLAMMABLE LIMITS

LEL: Not applicable

UEL: Not applicable

EXTINGUISHING MEDIA

Carbon dioxide, water fog, dry chemical, chemical foam

SPECIAL FIRE FIGHTING PROCEDURES

Self - contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Caution - material will support combustion!

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers can explode due to buildup of pressure when exposed to extreme heat.

**SECTION 5 - ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WILL SUPPORT COMBUSTION. Evacuate and ventilate area; confine and absorb into absorbent; place material into approved containers for disposal; refer to SARA Title III, Section 313 40 CFR 372 for details concerning reporting requirements. Do not discharge into lakes, ponds, streams or public waters.

**SECTION 6 - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures, open flames. CAUTION - This material will support combustion. Keep this and other chemicals out of reach of children.

**SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH approved respirator designed to remove airborne mists or fume present in excess of maximum allowable concentrations if user operations generate a mist or fume. Refer to 29 CFR 1910.134 or European Standard EN 149 for regulations.

VENTILATION

LOCAL EXHAUST: Recommended

MECHANICAL (GENERAL): Not required

SPECIAL: To maintain minimum TWA and STEL levels.

OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene or rubber gloves with cuffs.

EYE PROTECTION: Protective eyeglasses or chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls, apron, or other equipment should be worn to minimize skin contact.

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

**SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES**

BOILING POINT

212° F

SPECIFIC GRAVITY (WATER = 1)

1.020

VAPOR PRESSURE (MM Hg)

mm Hg @ 20 ° C

pH

Not specified

VAPOR DENSITY (AIR = 1)

&gt; 1

EVAPORATION RATE (N-Butyl Acetate = 1)

&lt; 1

SOLUBILITY IN WATER

Dispersible

% VOLATILE (BY WEIGHT)

80%

APPEARANCE AND ODOR

Opaque liquid, characteristic odor

VOLATILE ORGANIC COMPOUNDS (VOC's)

143 grams / liter ASTM

**SECTION 9 - STABILITY AND REACTIVITY**

STABILITY

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID: Extreme temperatures, open flames

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

HAZARDOUS POLYMERIZATION

MAY OCCUR:

WILL NOT OCCUR: XXX

CONDITIONS TO AVOID:

None

**SECTION 10 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. This product may produce concentrated hazardous vapors or fumes in a disposal container creating a dangerous environment. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for ignitable materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.