

# MATERIAL SAFETY DATA SHEET

## ELASTOFLEX

### 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Umaco Inc.  
60 Rear Newhall Street  
Lowell, Ma. 01852

PRODUCT NAME: ELASTOFLEX  
GENERAL ID: A FLEXIBLE WATERPROOF  
COATING FOR MASONRY  
SURFACES

Emergency Phone (Chemtrec) 1-800-424-9300  
Informational Phone (Umaco) 1-978-453-8881  
Date Prepared: 3/ 11 / 05

### 2. HAZARDOUS INGREDIENTS/ IDENTITY SECTION 313 SUPPLIER NOTIFICATION- THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR 372

| CAS #       | Hazardous Components<br>Ingredient | ACGIH TLV 's |      | OSHA PEL's |      | WT. % |
|-------------|------------------------------------|--------------|------|------------|------|-------|
|             |                                    | TWA          | STEL | TWA        | STEL |       |
| 000057-55-6 | Propylene Glycol                   | 50 ppm       | N/E  | N/E        | N/E  | 01-10 |
| 013463-67-7 | Titanium Dioxide                   | 10mg/m3      | N/E  | 15mg/m3    | N/E  | 01-10 |
| 014808-60-7 | Crystalline Silica                 | 0.1mg/m3*    | N/E  | 0.1mg/m3   | N/E  | 00-01 |

\* Respirable Fraction

### 3. HEALTH HAZARDS IDENTIFICATION (ACUTE & CHRONIC)

Routes of entry: Inhalation: yes Skin: yes Ingestion: yes

#### ACUTE:

**Ingestion:** Can result in irritation of the mouth, stomach tissue and digestive tract **Inhalation:** May cause nose and throat irritation. **Skin and Eyes:** Causes irritation to the eyes and skin.

**CHRONIC:** This product contains titanium dioxide. Potential for inhalation of dusts from coatings is very limited. Since overexposures are not expected, there is no significant hazard for man.

Contains Crystalline silica which can cause cancer. Risk of cancer depends on duration and level of exposure to dust from sanding surfaces or spray mist. Overexposure may cause lung and kidney damage.

Crystalline silica may aggravate existing respiratory conditions.

**Carcinogenicity:** NTP: yes IARC MONOGRAPHS yes OSHA REGULATED No

### 4. EMERGENCY FIRST AID PROCEDURES

**General:** In all cases of doubt, or when symptoms persist, seek immediate medical attention.

**Eyes:** Flush with clean water for 15 minutes. If irritation persists Seek immediate medical attention

**Skin:** Remove clothing and wash skin with soap and water. Remove severely contaminated clothing and shoes and wash before reuse. If irritation persists Seek immediate medical attention.

**Inhalation:** Remove victim to fresh air away from vapors. Provide oxygen if needed. Seek immediate medical attention.

**Ingestion:** If swallowed Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

Flash point N/A

Flammable Limits LEL N/A

Method Used N/A

UEL N/A

**Extinguishing Media:** Regular foam, carbon dioxide, dry chemical

**Special Fire Fighting Procedures:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn out gear and chemical resistant protective equipment.

(MESA/NIOSH Approved-Schedule 13 )

**Unusual Fire and Explosion Hazards:** Closed containers may explode when exposed to extreme heat. In the absence of electricity, a water spray (fog nozzle) may be used to cool containers. Decomposition and combustion products may be toxic.

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#### 6. ACCIDENTAL RELEASE MEASURES

Contain spilled material with sand or earth. Place in a chemical container for proper disposal.

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#### 7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. **Precautions:** This product may contain materials classified as nuisance particulates which may be present at hazardous levels during sanding or abrading of the dried film. Occupational exposure values are as follows: **ACGIH TLV TWA** - 10mg/m<sup>3</sup> (total dust), 3mg/m<sup>3</sup> (respirable fraction), **OSHA PEL TWA**- 15mg/me (total dust), 5mg/m<sup>3</sup> (respirable fraction). Also see Section 2.

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#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Provide sufficient ventilation to a.- keep TLV of the hazardous ingredients below the limits specified in Sect. 2, b.- remove volatiles produced during cure and decomposition products produced during welding or cutting on surfaces coated with this material. **Respirator:** If personal exposure cannot be controlled below exposure limits listed in Sect. 2, use a NIOSHA approved respirator to remove particulates (silica) and vapors if there is overexposure to vapors during use or cure of this product. **Protective Equipment: Clothing:** As needed. **Eyes:** Safety glasses with side shields or a face shield. **Gloves:** Chemical resistant gloves.

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#### 9. PHYSICAL & CHEMICAL PROPERTIES

**Boiling Point:** n/e      **Vapor Pressure: (mmHG)** n/e      **Vapor Density (Air=1)** > than air  
**Specific Gravity:** n/e      **Melting point:** None      **(Butyl Acetate = 1)Evaporation Rate:** n/e  
**Solubility in water-** n/a      **Appearance and Odor:** Translucent/colored liquid with mild odor

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#### 10. STABILITY AND REACTIVITY

**Stability :** Unstable      Stable      Yes      Hazardous polymerization      May occur      May Not Occur      X  
**Conditions to Avoid:** Avoid heat, sparks, flame.  
**Incompatibility:** Avoid contact with oxidizing materials  
**Hazardous Decomposition:** CO, CO-2, Soot, Smoke and Toxic Chemical Fumes

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#### 11. TOXICOLOGICAL INFORMATION

No Data

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#### 12. ECOLOGICAL INFORMATION

No Data

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#### 13. DISPOSAL CONSIDERATIONS

Dispose of according to local, state and federal regulations.

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#### 14. TRANSPORTATION INFORMATION

**Proper Shipping name:** Not Regulated      **UN Number:**      **Packing Group:**

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#### 15. REGULATIONS

This MSDS has been prepared in accordance with the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

All components of this product are listed on the TSCA Inventory or are excluded from listing requirements.

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## 16. OTHER INFORMATION

### SAFETY PHRASES:

Read all instructions before use.

Keep containers closed when not in use.

For Professional Use Only.

Keep container in a well ventilated place.

When using do not eat, drink or smoke.

Keep out of the reach of children.

When applying indoors, (Industrial or Commercial applications ONLY), by Professionals ONLY, proper ventilation is required.

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