

# UNITED 16



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): 800-535-5053

**PRODUCT NAME**  
 UNITED 16 SPECIAL OPS

**USE/DESCRIPTION**  
 Wet/Dry Roof Patch and Flashing Cement

**REVISION DATE**  
 March 21, 2011

### HMIS III HEALTH (0 = Maximum Safety) 2

Always follow Label Directions and Cautions.

\* Chronic 2 Moderate  
 4 Severe 1 Slight  
 3 Serious 0 Minimal  
**See Hazards Identification Section of this MSDS for more detailed information.**

### PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. 2 Violent chemical change possible-use hose stream from distance  
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. 1 Unstable if heated-use precaution.  
 0 Normally stable.

### FLAMMABILITY (0 = Maximum Safety) 2

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated  
 3 Ignites at normal temperature. to burn.  
 2 Ignites when moderately heated. 0 Will not burn.

**PERSONAL PROTECTION: B**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
High Flash Naphtha	64742-95-6	30-50	100 ppm	100 ppm	NE	NE
1,2,4-Trimethylbenzene	95-63-6	1-7	25 ppm	25 ppm	NE	NE
Xylene	1330-20-7	.5-2	100 ppm	100 ppm	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause slight irritation. The effect of prolonged eye contact is not known.

**Skin:** Prolonged or repeated contact may cause irritation and/or dermatitis.

**Inhalation:** May cause upper respiratory tract irritation. May cause nausea or dizziness. Excessive breathing of high vapor concentration can cause central nervous system depression, liver, and kidney damage.

**Ingestion:** Acute gastrointestinal tract irritation.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water for at least 15 minutes while holding eyelids open. Call a physician or poison center immediately.

**Skin:** Wash skin with waterless hand cleaner followed by soap and water. If redness appears treat it as a sunburn, if redness persists or rash appears call a physician or poison center immediately.

**Inhalation:** Remove to fresh air, upwind from fume source. If irritation persists, call a physician or poison center immediately.

**If Swallowed:** DO NOT induce vomiting. Prevent aspiration into lungs. Even a small amount into lungs may result in aspiration pneumonia. Call a physician or poison center immediately.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** 100°F/38°C

**Explosive Limits:** Lower (LEL): ND Upper (UEL): ND

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce oxides of carbon and various hydrocarbon fragments.

**Fire and Explosion Hazards:** Closed containers may explode in a fire. Keep containers cool and remove to a safe location.

**Extinguishing Media:** Class "B" dry chemical, carbon dioxide, or other suitable extinguishing material such as dry sand. Do not use halogenated agents. When flames have been eliminated, cover residue with dry sand or dry extinguishing agent until it has cooled. If fire appears to increase in intensity switch to applying Class "D" extinguishing agent or more dry, inert, granular material.

**Fire Fighting Instructions:** Firefighters should wear self-contained breathing apparatus w/full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Soak up with an inert absorbent like clay, oil dry, sand, earth, etc. to absorb the spill. Put material into a suitable steel drum which can be closed securely.

**Large Spills:** Contain spill as quickly as possible. Remove sources of ignition and keep flowing material away from heat, sparks, or open flames. Do not smoke near a spill. Use an inert absorbent like clay, oil dry, sand, earth, etc. to absorb the spill. Put material into a suitable steel drum which can be closed securely.

## 7. HANDLING AND STORAGE

Store in a cool, dry, well-ventilated area away from sources of ignition. Solvent vapors are heavier than air and may be moved from the source location by ventilation systems to points far away. Keep containers tightly closed when not in use. Do not store near oxidizers. Maintain package labeling during storage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses recommended.

**Skin:** Chemical resistant gloves recommended.

**Respiratory:** None required if good ventilation is maintained. If airborne concentrations are above the TLV use NIOSDH approved respirator for organic vapor and dusts.

**Engineering Controls:** Mechanical ventilation recommended when handling in enclosed/tight spaces.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 325°F/163°C **Specific Gravity:** 1.05 (H<sub>2</sub>O=1) **Vapor Pressure:** ND **Melting Point:** ND

**Vapor Density:** 3.7 **Evaporation Rate:** 0.9 (Butyl acetate=1.0) **Solubility in Water:** Negligible **pH:** NA

**Appearance and Odor:** Black paste with xylol scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce oxides of carbon and various hydrocarbon fragments.

**Chemical Stability:** Stable

**Incompatibility:** Oxidizing agents such as bleach.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** < 550g/liter

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** None

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** 1, 2, 4-Trimethylbenzene CAS#95-63-6, Xylene CAS#1330-20-7

**WHMIS Classification:**

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.