

# Cal-Flor

## Flooring Repair Kit Filler

### MATERIAL SAFETY DATA SHEET (EEC)

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#### SECTION 1 - COMPANY INFORMATION

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Cal-Flor Accessory Systems  
1000 Cal Oak rd.  
Oroville, Ca. 95965  
(888)277-FLOR  
Emergency Tel. No.: Infotrac. 1-800-535-5053

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#### SECTION 2 - PRODUCT NAME

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Flooring Repair Kit Filler  
Product Description - Repair compound for Wood, Laminate Flooring & Vinyl Tiles  
Prepared 4/23/07

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#### SECTION 3 - COMPOSITION

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Nature; Solvent based filler bound by cellulose ester.

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#### SECTION 4 - HAZARD IDENTIFICATION

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Contains Toluene CAS #108-88-3  
Oral LD50 (rat):5,000 mg/kg.  
Inhalation LC50 (mouse):5,320 ppm/8 hrs.

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#### SECTION 5 - HEALTH EFFECTS

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Short term exposure by inhalation and ingestion is considered to be harmful.

**Skin:** Contact with skin can result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to dermatitic effects.

**Eyes:** An irritant due to solvents and to foreign body irritation by solids.

**Inhalation:** Vapor is irritant to mucous membranes and respiratory tract. Inhalation of vapor can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgment and, if exposure is prolonged, unconsciousness and possible death.

**Swallowed:** Ingestion can result in nausea, vomiting and abdominal pain.

No effects have been reported following long-term exposure.

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#### SECTION 6 - FIRST AID

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**Skin:** Wash contaminated skin with plenty of soap and water. Soaking in warm water may assist in removal of dried material. If irritation occurs, seek medical advice.

**Eyes:** Irrigate with copious quantities of water for 15 minutes. Seek medical assistance if effect persists.

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Keep at rest until full recovered. If breathing is labored and patient cyanotic (blue) ensure airways are clear and have qualified person give oxygen through a face mask. If breathing has stopped, apply artificial respiration at once. In event of cardiac arrest, apply CPR IMMEDIATELY. Seek medical advice if effect persists.

**Ingestion:** Give water to drink. DO NOT INDUCE VOMITING. Poison Information Centers in each state capital city can provide additional assistance for scheduled poisons.

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#### SECTION 7 - FIRE FIGHTING MEASURES

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Highly flammable due to solvent content. No known risks of dangerous reactions. Combustion products are not usually hazardous.

If safe to do so, remove containers from path of fire. Keep unaffected containers cool with water spray.

The use of breathing apparatus is recommended.

**Extinguishing Media:** Water Fog, foam, carbon dioxide, dry chemical, BCF.

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#### SECTION 8 - ACCIDENTAL RELEASE MEASURES

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Shut off all possible sources of ignition.

Increase ventilation, wear protective clothing to prevent skin and eye contamination and inhalation of vapors. Scrape up material while soft using a spark free shovel. Collect and seal in properly labeled drums for correct disposal. Dried material requires cutting or abrasion. Waste containing solvents must be disposed of as flammable liquids. Dried solids which are odor free are non-hazardous and may be disposed of at normal landfill site.

**SECTION 9 - HANDLING AND STORAGE**

Avoid contact with skin and eyes. Vapors should be extracted to avoid inhalation. Keep in a cool, well ventilated area away from sources of ignition. Keep away from children at all times. Keep containers sealed when storing.

**SECTION 10 - EXPOSURE CONTROL - PERSONAL PROTECTION**

Use in a well ventilated area. No value assigned for this specific material by the National Occupational health and Safety Commission.

However, threshold values (TVL) for components as set by American Conference of Governmental and Industrial Hygienists:

Toluene	TVL-TWA	100 ppm	
(375 mg/3m)			
	TVL-STEL	150 ppm	(560 mg/m3)
Acetone	TVL-TWA	750 ppm	
(1780 mg/m3)			
	TVL-TWA	1000 ppm	(1780mg/m3)
Methyl Ethyl Ketone	TVA-TWA	200 ppm	
(590 mg/m3)			
	TVL-STEL	300 ppm	(885 mg/m3)
Isopropyl Alcohol	TVL-TWA	400 ppm	
(983 mg/m3)			
	TVL-STEL	500 ppm	(1229 mg/m3)

Amorphous Silica TVL-TWA 10 g/m3 - Total Dust

These TVL's are issued as guidelines for good practice. All atmospheric contamination should be kept as low level as possible.

These TVL's should not be used as fine lines between safe and dangerous concentrations.

**SECTION 11 - PHYSICAL AND CHEMICAL PROPERTIES**

Solubility in Appearance: Pigmented paste, solvent odor

The following properties are to be interpreted within the meaning of directive 67/548/EEC Specific Gravity

0.96	
Solubility in water	Insoluble
Acetone	Soluble
Vapor pressure	
Approx. 90 mm (12.0 kPa)	
Boiling point	80°C
Percent volatiles	60% w/w
Flash point	Approx. 10°C
Viscosity (200 poise)	Approx. 20 Pa.s

**SECTION 12 - INGREDIENTS**

<u>CHEMICAL ENTITY</u>	<u>CAS No.</u>
<u>PROPORTION</u>	
Toluene	108-88-3
HIGH	
Acetone	67-64-1
MEDIUM	
Methyl Ethyl Ketone	78-93-3
LOW	
Isopropanol	67-63-0
LOW	
Amorphous silica	7631-86-9
LOW	
High = 30-60% Med = 10-29% Low = 1-9%	

**SECTION 13 - STABILITY AND REACTIVITY**

The product is relatively stable under normal working conditions.

**SECTION 14 - TOXICOLOGICAL INFORMATION**

Contains toluene.

No LD50 data available for product; however, for major component:

Toluene - Oral LD50 (rat) 5,000 mg/Kg, inhalation LC50 (mouse) - 5,320 ppm/8hr

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**SECTION 15 - ECOLOGICAL INFORMATION**

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Marine Pollutant

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**SECTION 16 - DISPOSAL**

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Wipe up spill with rag or towel and treat as flammable material - dispose of according to local or national guidelines.

If dried, remove by cutting or abrasion. Dried solids are non-hazardous - no restriction on disposal.

Do not pour into drains or water systems.

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**SECTION 17 - TRANSPORTATION INFORMATION**

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Land Transport (ADR/RID), ADR Class  
3, Number

5b

UN Number	1133,	
Description	Paint,	Packing
Group	3	

Sea Transport, IMDG  
3.2, Page  
3268

EMS Number	3-05,
MFAG	310
Air Transport: IATA Class	3

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**SECTION 18 - REGULATORY INFORMATION**

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Paint, UN Number 1133

Risk Phrases - R 11

Safety Phrases - S9, S16, S23, S33

Class - HIGHLY FLAMMABLE

**FEDERAL REGULATIONS:**

Toxic substances control act (TSCA)

This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

**STATE REGULATIONS:**

California Proposition 65: Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

This product contains chemical known to the state of California to cause reproductive damage.

< 23% Toluene 108-88-3 Listed Jan. 1, 1991

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**SECTION 19 - OTHER INFORMATION**

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The data and advice given apply only when the product is used for its stated purpose.

The information in this safety sheet was obtained from reputable sources and to the best of our knowledge is accurate at the date of issue.

We cannot accept liability arising out of the use of the information provided.

Attention is drawn to the hazards of improper use of the product.

# Cal-Flor

## Flooring Repair Kit Pigment MATERIAL SAFETY DATA SHEET (EEC)

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### SECTION 1 - COMPANY INFORMATION

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Cal-Flor Accessory Systems  
1000 Cal Oak rd.  
Oroville, Ca. 95965  
(888)277-FLOR  
Emergency Tel. No.: Infotrac. 1-800-535-5053

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### SECTION 2 - PRODUCT NAME

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Flooring Repair Kit Pigment  
Product Description Pigment dispersed in Polyester resin.  
Prepared 4/23/07

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### SECTION 3 - COMPOSITION

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Nature; Mobile varying color liquid

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### SECTION 4 - HAZARD IDENTIFICATION

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Non Hazadrous

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### SECTION 5 - HEALTH EFFECTS

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Short term exposure by inhalation and ingestion is considered to be harmful.

**Skin:** Contact with skin can result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to dermatitic effects.

**Eyes:** An irritant due to foreign body irritation by solids.

**Inhalation:** Vapor is irritant to mucous membranes and respiratory tract. Inhalation of vapor can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgment and, if exposure is prolonged, unconsciousness and possible death.

**Swallowed:** Ingestion can result in nausea, vomiting and abdominal pain.

No effects have been reported following long-term exposure.

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### SECTION 6 - FIRST AID

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**Skin:** Wash contaminated skin with plenty of soap and water. Soaking in warm water may assist in removal of dried material. If irritation occurs, seek medical advice.

**Eyes:** Irrigate with copious quantities of water for 15 minutes. Seek medical assistance if effect persists.

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Keep at rest until full recovered. If breathing is labored and patient cyanotic (blue) ensure airways are clear and have qualified person give oxygen through a face mask. If breathing has stopped, apply artificial respiration at once. In event of cardiac arrest, apply CPR IMMEDIATELY. Seek medical advice if effect persists.

**Ingestion:** Give water to drink. DO NOT INDUCE VOMITING. Poison Information Centers in each state capital city can provide additional assistance for scheduled poisons.

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### SECTION 7 - FIRE FIGHTING MEASURES

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No known risks of dangerous reactions. Combustion products are not usually hazardous. If safe to do so, remove containers from path of fire. Keep unaffected containers cool with water spray. The use of breathing apparatus is recommended.

**Extinguishing Media:** Water Fog, foam, carbon dioxide, dry chemical, BCF.

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### SECTION 8 - ACCIDENTAL RELEASE MEASURES

---

Shut off all possible sources of ignition. Increase ventilation, wear protective clothing to prevent skin and eye contamination and inhalation of vapors.

Scrape up material while soft using a spark free shovel. Collect and seal in properly labeled drums for correct disposal.

Dried material requires cutting or abrasion.

Waste containing solvents must be disposed of as flammable liquids. Dried solids which are odor free are non-hazardous and may be disposed of at normal landfill site.

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**SECTION 9 - HANDLING AND STORAGE**

---

Avoid contact with skin and eyes. Vapors should be extracted to avoid inhalation. Keep in a cool, well ventilated area away from sources of ignition. Keep away from children at all times. Keep containers sealed when storing.

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**SECTION 10 - EXPOSURE CONTROL - PERSONAL PROTECTION**

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Use in a well ventilated area. No value assigned for this specific material by the National Occupational health and Safety Commission.

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**SECTION 11 - PHYSICAL AND CHEMICAL PROPERTIES**

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Solubility in Appearance: Pigmented paste, solvent odor

The following properties are to be interpreted within the meaning of directive 67/548/EEC

Specific Gravity	NA
Solubility in water	Soluble
Vapor pressure	NA
Boiling point	NA
Percent volatiles	NA
Flash point	NA
Viscosity	NA

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**SECTION 12 - INGREDIENTS**

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<u>CHEMICAL ENTITY</u>	<u>CAS No.</u>
<u>PROPORTION</u>	
Polyester Resin	
High	
Various Pigment	
Med	
Additives	
Low	
High = 30-60% Med = 10-29% Low = 1-9%	

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**SECTION 13 - STABILITY AND REACTIVITY**

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The product is relatively stable under normal working conditions.

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**SECTION 14 - TOXICOLOGICAL INFORMATION**

---

No LD50 data available for product; however, for major component:

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**SECTION 15 - ECOLOGICAL INFORMATION**

---

Marine Pollutant

---

**SECTION 16 - DISPOSAL**

---

Wipe up spill with rag or towel and treat as flammable material - dispose of according to local or national guidelines.

If dried, remove by cutting or abrasion. Dried solids are non-hazardous - no restriction on disposal.

Do not pour into drains or water systems.

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**SECTION 17 - TRANSPORTATION INFORMATION**

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Not Classified As Dangerous

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**SECTION 18 - REGULATORY INFORMATION**

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FEDERAL REGULATIONS:

Toxic substances control act (TSCA)  
This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

STATE REGULATIONS:

California Proposition 65: Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

This product contains chemical known to the state of California to cause reproductive damage.< 23% Toluene 108-88-3  
Listed Jan. 1, 1991

---

**SECTION 19 - OTHER INFORMATION**

---

The data and advice given apply only when the product is used for its stated purpose.

The information in this safety sheet was obtained from reputable sources and to the best of our knowledge is accurate at the date of issue. We cannot accept liability arising out of the use of the information provided.

Attention is drawn to the hazards of improper use of the product.

# MATERIAL SAFETY DATA SHEET

## SECTION I – Colorfill Solvent

MANUFACTURED FOR:

EMERGENCY PHONE:

Cal-Flor Accessory Systems  
1000 CalOak Rd.  
Oroville, CA 95965

508-679-5938

CHEMICAL NAME AND SYNONYMS: Dimethyl Ketone, 2-Propanone, Dimethyl Ketal

CHEMICAL FAMILY: Ketones

TRADE NAME: Acetone

SIZES: 1 oz., 4 oz., 6 oz.

FORMULAS: CH<sub>3</sub>COCH<sub>3</sub>

REVISED: 11/26/96

## SECTION II – HAZARDOUS INGREDIENTS

### PAINTS, PRESERVATIVES AND SOLVENTS

Solvents	Cas#	%	ACGIH TLV (PPM)	OSHA PEL (PPM)
Acetone (Dimethyl Ketone)	67-64-1	100	750 TWA	1000 TWA

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	N/A		<u>NFPA Rating</u>	<u>HMIS Rating</u>
Pigments:	N/A			
Catalyst:	N/A	Health	1	1
Vehicle:	N/A	Flammability	3	3
Additives & Others:	N/A	Reactivity	0	0

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WARNING: Use of this product will expose you to benzene, acetaldehyde and formaldehyde (GAS) which is known to cause cancer.

## SECTION III – PHYSICAL DATA

Boiling Point:	133 Deg. F
Vapor Pressure:	186 MMHG
Vapor Density (air = 1):	Heavier
Solubility in Water:	Complete
Appearance:	Highly Flammable (Ether = 1)
Odor:	Liquid Sharp, penetrating and non-residual odor
Specific Gravity (60 F / 60 F):	0.7905
Percent Volatile by Volume (%):	100
Evaporation Rate:	Less than 1
V.O.C.:	Exempt Solvent

## **SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** (Method Used) 0 deg. F TAG C.C.

**Flammable Limits:** LEL 2.6 UEL 13.0

**Extinguishing Media:** Use Carbon Dioxide or Dry Chemical for small fires. Use “Alcohol” type foam for large fires. Water spray will reduce intensity of flames.

**Special Fire Fighting Procedures:** Self-contained breathing apparatus for fire fighters equipped with positive pressure mode.

**Unusual Fire and Explosion Hazards:** Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near containers (even empty) because product (even just residue) can ignite explosively. Auto ignition temp 869 deg. F

## **SECTION V – HEALTH HAZARD DATA**

Threshold Limit Value: See Section II

### **EFFECTS OF OVEREXPOSURE**

**Eyes:** Can cause sever irritation, redness, tearing, blurred vision.

**Skin:** Prolonged or repeated contact can cause moderate irritation, defatting dermatitis.

**Inhalation:** Excess inhalation of vapors or mists may cause irritation of the nose and throat, nausea, vomiting and signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination and fatigue), respiratory symptoms associated with pre-existing lung disorders (e.g., asthma-like conditions) may be aggravated by exposure to this material.

**Ingestion:** (swallowing) while this material has a low degree of toxicity, ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination, and fatigue).

**Comments:** This material has not been identified as a carcinogen by NTP, IARC, or OSHA. Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage (some times referred to as Solvent or Painters’ Syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

### **EMERGENCY AND FIRST AID PROCEDURES**

**Eye Contact:** Moderate hazard to the eyes, but liquid contact should be treated with flushing of eyes with water for fifteen minutes.

**Skin Contact:** Skin contact is only a slight hazard. However, skin should be flushed with water.

**Inhalation:** Remove to fresh air. Apply artificial respiration and call a physician.

**Ingestion:** Induce vomiting if the patient is conscious. Call a physician immediately.

## **SECTION VI – REACTIVITY DATA**

**Stability:** Stable

**Conditions to Avoid:** Heat, sparks and open flame and all other sources of ignition.

**Incompatibility (Material to avoid):** Avoid catalyst such as Ba(OH)<sub>2</sub>, NaOH and other Alkalies, H<sub>2</sub>S<sub>04</sub>.

**Hazardous Decomposition Products:** Burning can produce CO and/or CO<sub>2</sub>.

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Avoid low temperature when in the presence of catalyst.

Condensation will occur. If the temperature rises, reaction stops and material will cool down.

## **SECTION VII – SPILL OR LEAK PROCEDURES**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

**Small Spill:** Absorb liquid on vermiculite, floor absorbent or other absorbent material.

**Large Spill:** Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent soil and other materials to containers for disposal. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred.

**Waste Disposal Method:** Incinerate in a furnace where permitted under appropriate federal, state and local regulations.

## **SECTION VIII – SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (specific type):** Air Supplied Mask

### **Ventilation**

**Local Exhaust:** Suggested

**Mechanical (general):** Explosion proof

**Special:** Positively no smoking

**Other:** Adequate ventilation

**Protective Gloves:** Rubber Gloves impermeable

**Eye Protection:** Safety glasses

**Other Protective Equipment:** Eye bath and safety shower. Impermeable aprons

## **SECTION IX – STORAGE AND SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storing:**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor liquid and/or solid), all hazard precautions given in the data sheet must be observed. All 5 gallon pails and larger metal containers, including

tank cars and tank trucks should be grounded and/or bonded when material is transferred.

**WARNING:** Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "auto ignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

**OTHER PRECAUTIONS:** Avoid inhalation of vapors