

**HILLSBORO ELEMENTARY SCHOOLS**215 S.E. 6th Ave.  
HILLSBORO, OR 97123**MATERIAL SAFETY DATA SHEET**

CM 0047

MANUFACTURER: MT. Hood Chemical Corp.  
4444 N.W. Yeon  
Portland, OR 97210EMERGENCY TELEPHONE NO:  
(503) 227-3505  
1-(800)-424-9300 Chemtrec**SECTION I. MATERIAL IDENTIFICATION**Common/Trade Name: Formula 541  
Chemical Name: N/A  
Chemical Family: N/A**SECTION II. HAZARDOUS INGREDIENTS**

Ingredients:	%	TLV Units
Methylene Chloride	60	N/A
1,1,1 Trichloroethane	20	N/A
Petroleum Distillate-97% Parrains-2.5%	20	N/A

**SECTION III. PHYSICAL DATA**

Boiling Point (*F): 179°F	Specific Gravity (Water=1): 0.935
Vapor Pressure (mm Hg): 135mmHg @25°C	Percent Volatile (By volume): 100
Vapor Density (Air=1): N/A	
Solubility in Water: Negligible	Evaporation Rate (Bu.Ac. = 1): N/A
Appearance and Odor: Clear liquid, solvent odor	

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

Flash Point: 170°F-TCC	Flammable Limits: N/A
Extinguishing Media: N/A	
Special Fire Fighting Procedures: Keep drums cool with water. Do not enter any closed or confined fire space without protective equipment and self-contained breathing apparatus.	
Unusual Fire and Explosion Hazards: Not given	

**SECTION V. HEALTH HAZARD DATA**

Threshold Limit Value:	250ppm
Effects of Overexposure: Overexposure to vapors may cause dizziness-anesthetic and may lead to asphyxiation.	
Eyes:	May cause eye irritation.
Skin:	May cause skin irritation.
Breathing:	Not given

Swallowing: Not given

Emergency and First Aid Procedures:

Eyes: Flush thoroughly with water for 15 min. See a physician.

Skin: Flush thoroughly with water.

Breathing: Move to fresh air. If breathing stops, give artificial respiration. When breathing starts, administer oxygen.

Swallowing: Do not induce vomiting. Give large quantities of water. Call a physician immediately.

---

#### SECTION VI. REACTIVITY DATA

---

Stability: Stable

Conditions To Avoid: Welding areas. High temperatures

Incompatible With: None

Hazardous Decomposition Products: High heat-phosgene, hydrogen chloride, chlorine.

Hazardous Polymerization: Will not occur

Conditions To Avoid: N/A

---

#### SECTION VII. SPILL OR LEAK PROCEDURES

---

Procedures In Case of Spill or Leak: Extinguish all sources of ignition. Ventilate area well. Evacuate area if spill is large. Absorb on clay or diatomaceous earth. Sweep up. Dispose of contaminated absorbent material in approved landfill.

Waste Disposal: According to local ordinances.

---

#### SECTION VIII. SPECIAL PROTECTION INFORMATION

---

Type of Respiratory Protection: For enclosed areas, use industrial gas masks approved for chlorinated solvent or self-contained breathing apparatus.

Ventilation: Local exhaust and mechanical to keep below TLV

Protective Gloves: Rubber or neoprene

Eye Protection: Goggles if splashing is possible

Other Protective Equipment: none

---

#### SECTION IX. SPECIAL PRECAUTIONS

---

Handling/Storage Precautions: Store in closed container in cool, dry areas away from all sources of ignition. Wash thoroughly after handling. Keep out of reach of children.

Other Precautions: Not given