

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for the specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTIFY (As used on label) HC100		NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate it.	
Section I			
Manufacture's Name CHEMENCE INC		Emergency Telephone Number 1-800-424-9300 (International Number) 703-527-3887	
Address (Number, Street, City, State and ZIP Code) 185 BLUEGRASS VALLEY PARKWAY ALPHARETTA, GA 30005-2222		Telephone Number for Information (770)-664-6624 Data Prepared 4/7/05 Signature of Preparer (Optional)	
Section II – Hazardous Ingredients/Identity Information			
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended % Optional)			
Mixture of Methacrylate and Dimethacrylate esters		various	90 – 95
Surfactant		(Proprietary)	5 – 10
Methacrylate Resin		(Proprietary)	1 – 3
Section III – Physical/Chemical Characteristics			
Boiling Point	>100°C	Specific Gravity (H2O =1) 20°C	1.06
Vapor Pressure (mm Hg)	Less than 5 torr @ 68°F	Melting Point	n/a
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water	Emulsifies in water		
Appearance and Odor	Clear, colorless with a mild odor.		
Section IV – Fire and Explosion Hazard Data			
Flash Point (Method Used)	>200°F TCC	Flammable Limits	LEL N/DA UEL N/DA
Extinguishing Media: Dry chemical, CO2, foam.			
Special Fire Fighting Procedures: Wear suitable protective equipment. For large fires the local fire brigade must be called.			
Unusual Fire and Explosion Hazards: N/A			
Section V – Health Hazard Data			
Threshold Limit Value: No established standards			
Effects of overexposure: May cause irritation to eyes, respiratory system and skin. May cause sensitization by skin contact. Prolonged/repeated exposure can result in significant absorption.			
Emergency and First Aid Procedures: Rinse eyes immediately with plenty of water for 20-30 mins. Obtain medical attention. Wash skin with plenty of soap and water for 15 min. If sticky, use a waterless cleaner first. Seek medical attention if irritation develops. After inhalation, remove to fresh air and give O2/artificial respiration as necessary. After ingestion, do not induce vomiting, give water to drink. Seek medical attention.			
Section VI – Reactivity Data			
Stability	Unstable		Conditions to Avoid: High temperatures, direct sunlight, oxidizing conditions, freezing conditions and UV radiation. (Under normal conditions)
	Stable	X	
Incompatibility (<i>Materials to avoid</i>) As below.			
Hazardous Decomposition Products: Acrid smoke, fumes of CO, CO ₂ and small quantities of NO _x .			

Hazardous Polymerization	May occur	X	Conditions to Avoid: If over-catalyzed or insufficiently aerated after catalyzing. This polymerization is exothermic.
	Will not occur		

Section VII – Spill or Leak Procedures

Steps to be taken in case material is to be released or spilled: During clean-up wear gloves and impervious clothing.

Waste Disposal Method: Dispose waste in accordance with local, state and federal guidelines.

Section VIII – Special Protective Information

Respiratory Protection *(Specify Type)*

For high concentrations: Approved air purifying or supplied air respirator in positive mode.

Ventilation	Local Exhaust	Recommended	Special	None
	Mechanical	Not Applicable	Other	None

Protective Gloves: Chemical resistant or neoprene gloves. **Eye Protection:** Splash goggles or Safety Glasses.

Other Protective Equipment: N/A

Section IX – Special Precautions

Precautions to be taken in handling and storing: Ensure adequate ventilation. Wear suitable protective clothing. A high standard of industrial hygiene is recommended. Store in air atmosphere, sheltered from light and at temperatures <35°C. Avoid proximity of flames and heat sources. Prevent freezing, prevent moisture contact. Store in original tightly closed containers.

Other Precautions: Keep away from strong oxidizers, radiation and other initiators. Prevent long storage times.

Section X – Regulatory Information

All ingredients are listed or exempt from listing on TSCA Inventory.

Estimated HMIS Code: Health Hazard (2) Fire Hazard (1) Reactivity (2)

Section XI – Transportation Information

DOT (49 CFR 172)

Domestic Ground transportation:

Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None
Marine Pollutant: None

IATA:

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

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