

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for 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) ANASEAL <sup>®</sup> PM20		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.	
<b>Section I</b>			
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)		Telephone Number for Information (770)-664-6624	
185 BLUEGRASS VALLEY PARKWAY		Data Prepared 10-07-2003	
ALPHARETTA, GA 30005		Signature of Preparer (Optional)	
<b>Section II – Hazardous Ingredients/Identity Information</b>			
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended % Optional)			
LD <sub>50</sub> oral rat			
Lauryl methacrylate (142 – 90 – 5)		>5,000 mg/Kg	50 - 55
Hydroxypropyl methacrylate (923 – 26 – 2)		>5g/Kg	30 - 40
Surfactant (Proprietary)		N/DA	5 - 10
Tri-ethylene glycol dimethacrylate (109 – 16 – 0)		N/DA	1 - 5
Saccharin (81 – 07 – 2)			0.5 – 2.0
Cumene hydroperoxide (80-15-9)		382 mg/Kg	0.1 – 2.0
<b>Section III – Physical/Chemical Characteristics</b>			
Boiling Point	N/DA	Specific Gravity (H <sub>2</sub> O=1) 23°C	0.95
Vapor Pressure (mm Hg)	Low	Melting Point	<0°C
Vapor Density (AIR = 1)	N/DA	Evaporation Rate (Butyl Acetate = 1)	N/DA
Solubility in Water	Negligible		
Appearance and Odor	Clear, colorless to straw with a mild odor		
<b>Section IV – Fire and Explosion Hazard Data</b>			
Flash Point (Method Used)	>90°C Abel Seta CC	Flammable Limits	LEL N/DA UEL N/DA
Extinguishing Media	Dry chemical, foam, CO <sub>2</sub> , pulverized water		
Special Fire Fighting Procedures	Wear suitable protective equipment. Water may be ineffective in fire fighting due to low solubility.		
Use water spray/fog for cooling. Explosion proof electrical equipment and earthing.			
Unusual Fire and Explosion Hazards			
<b>Section V – Health Hazard Data</b>			
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 min. 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, give O <sub>2</sub> / artificial respiration as necessary. After ingestion do NOT induce vomiting, give water to drink. Seek immediate medical attention.			
<b>Section VI – Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid High temperatures, direct sunlight, oxidizing conditions freezing conditions, and UV radiation
	Stable	X	
Incompatibility (Materials to avoid)	As below		

Hazardous Decomposition Products		Acrid smoke, fumes of CO, and CO <sub>2</sub> small quantities of NO <sub>x</sub>	
Hazardous Polymerisation	May occur	X	Conditions to Avoid Heat, free radicals, peroxides, radiation, strong bases, oxidants, and mineral acids.
	Will not occur		
<b>Section VII – Spill or Leak Procedures</b>			
Steps to be taken in case material is to be released or spilled: Evacuate/limit access. Ensure adequate protective equipment. Kill all ignition sources. Plug sewer / public water outlets.			
Blanket large spill with fire fighting foam and remove/recover.			
Absorb small spill with inert material (sand, sawdust, etc.). Wash area.			
Waste Disposal Method: Contaminated product/soil/water may be hazardous waste due to the potential for internal heat generation.			
Landfill solids at permitted sites. Use registered transporters. Burn concentrated liquids in systems that use compatible fuel.			
Ensure emissions comply with regulations. Dilute aqueous waste may be biodegradable. Ensure effluent complies with applicable regulations.			
<b>Section VII – Special Protective Information</b>			
Respiratory Protection ( <i>Specify Type</i> ) 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 gloves	Eye Protection	Splash goggles or Safety Glasses
Other Protective Equipment			
<b>Section IX – Special Precautions</b>			
Precautions to be taken in handling and storing: Store in atmosphere, sheltered from light and at temperatures < 30 C. Avoid proximity of flames and heat sources. Prevent freezing, prevent moisture contact.			
Store in tightly closed, properly vented containers.			
Other Precautions: Keep away from strong oxidizers, radiation and other initiators.			
Prevent long storage times.			
<b>Section X – Regulatory Information</b>			
All Ingredients are listed or exempt from listing on the TSCA Inventory.			
Estimated HMIS Code: Health Hazard (2) Fire Hazard (1) Reactivity (2)			
<b>Section XI – Transportation Information</b>			
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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