

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 RT20		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)			
Tri-ethylene glycol dimethacrylate	(109-16-0)		60 – 80
Lauryl methacrylate	(142-90-5)		10 – 20
Hydroxypropyl Methacrylate	(923-26-2)		5 – 10
Proprietary surfactant	Proprietary		5 – 10
Saccharin	(81-07-2)		1 – 3
Tert-butyl hydroperoxide	(75-91-2)		0.1 – 1.0
Section III – Physical/Chemical Characteristics			
Boiling Point	n/a	Specific Gravity (H2O =1) 20 C	1.03
Vapor Pressure (mm Hg)	Low	Melting Point	<0°C
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	n/a
Solubility in Water	Negligible		
Appearance and Odor	Clear, colorless to straw liquid with a mild odor		
Section IV – Fire and Explosion Hazard Data			
Flash Point (Method Used)	>90°C TCC	Flammable Limits	LEL N/A UEL N/A
Extinguishing Media: Dry chemical, CO2, pulverized water			
Special Fire Fighting Procedures: Wear suitable protective equipment. Water may be ineffective in fire fighting due to the low solubility. Use water spray/fog for cooling. Explosion proof electrical equipment and earthing.			
Unusual Fire and Explosion Hazards:			
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 severe dermatitis in sensitive individuals.			
Emergency and First Aid Procedures: Rinse eyes with plenty of water for 15-20 minutes. Obtain medical attention. Wash skin with plenty of soap and water for 15 minutes. If sticky, use a waterless cleaner first. Seek medical attention if irritation develops. After inhalation, remove to fresh air and give O ₂ /artificial respiration as necessary. After ingestion do not induce vomiting, give water to drink. Keep individual calm. Seek immediate medical attention.			

Section VI – Reactivity Data			
Stability	Unstable		Conditions to Avoid: High temperatures, direct sunlight, oxidizing conditions, freezing temperatures and UV radiation.
	Stable	X	(Under normal conditions)
Incompatibility (<i>Materials to avoid</i>) As below			
Hazardous Decomposition Products Acrid smoke, fumes of CO and CO ₂ , small quantities of NO _x			
Hazardous Polymerization	May occur	X	Conditions to Avoid: Hazardous polymerization may occur if over catalyzed or insufficiently aerated after catalyzation. 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: 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.) Store in partially filled closed container until disposal. 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. Incinerate following EPA and local regulations. Ensure emissions comply with regulations. Dilute aqueous waste may be biodegradable. Ensure effluent complies with applicable regulations.			
Section VIII – Special Protective Information			
Respiratory Protection: 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: Polyethylene or rubber gloves		Eye Protection: Safety Glasses	
Other Protective Equipment: Barrier creams recommended.			
Section IX – Special Precautions			
Precautions to be taken in handling and storing: Store in atmosphere, sheltered from light and at temperatures <30°C. Avoid flames and heat sources. Store in closed, properly vented containers.			
Other Precautions: Keep away from strong oxidizers, radiation and other initiators. Prevent long storage times. Avoid prolonged skin contact. Keep away from eyes.			
Section X – Regulatory Information			
All Ingredients are listed or exempt from listing on the TSCA Inventory.			
Estimated HMIS® Code: Health Hazard 1, Fire Hazard 2, Reactivity 1			
Section X – Transportation Information			
DOT (49 CFR 172)			
Domestic Ground transportation:		IATA:	
Proper Shipping Name: Unrestricted		Proper Shipping Name: Unrestricted	
Hazard Class or Division: Unrestricted		Class or Division: Unrestricted	
Identification Number: None		UN or ID Number: None	
Marine Pollutant: None			
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