MIS028

3060-A

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

IDENTITY (As Used on Label and List)	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
COLORED LAMINATING CEMENT	

Section I

Manufacturer's Name: BELL CHEMICAL COMPANY	Emergency Telephone Number: CHEMTREC: (800) 424-9300
Address (Number, Street, City, State, and ZIP Code): 1688 East 23rd Street, Los Angeles, CA 90011	Telephone Number for Information: (213) 233-1091
	Date Prepared: January 2, 1992
	Signature of Preparer (optional):

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended		% (optional)
COLORED LAMINATING CEMENT	LIMITS:	UNITS	AGENCY:	TYPE:	
Ingredients: Ethylene Dichloride	10.000	PPM	ACGIH	TWA	
Acrylic Polymers	50.000	PPM	OSHA	TWA	
CAS NO: 107-06-02	100.000	PPM	OSHA	CEIL	
FAMILY NAME: Chlorinated Hydrocarbon	200.000	PPM	OSHA	EXCUR	
GENERIC NAME: Volatile Solvent	15.000	PPM	MSHA	STEL	
ID NO: UN 1184	100.000	PPM	CAL OSHA	EXCUR	

DOT Proper Shipping Name: Ethylene Dichloride

VOC: 1250 g. per liter

NFPA: Hazardous 1
Flammability 3
Reactivity 0

Section III — Physical/Chemical Characteristics

Boiling Point	83.7		Specific Gravity (H_2O = 1)	1.25	
Vapor Pressure (mm Hg.)	67 mm Hg		Melting Point	--	
Vapor Density (Air = 1)	3.42		Evaporation Rate (Butyl Acetate = 1)	1.3	

Solubility in Water: Negligible

Appearance and Odor: Varies depending on color of cement (Pigment); Odor: like chloroform

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	56 TCC F	Flammable Limits	LEL 6.2	UEL 16.0

Extinguishing Media: Extinguish with dry chemical, C2) or universal type foam

Special Fire Fighting Procedures: NFPA Health Hazard = 2; Flammability = 3; Reactivity = 0

Unusual Fire and Explosion Hazards
This material is flammable and may be ignited by heat, sparks, flame or static electricity.
Contact with aluminium parts in a pressurizable fluid system may cause violent reactions.

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*)
Incompatible with strong alkalies, oxidizers, liquid ammonia, metallic fines and powders.

Hazardous Decomposition or Byproducts
may yield carbon monoxide, carbon dioxide, phosgene, HC l, and/or oxides of nitrogen.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
eye irritant; nose, throat, respiratory tract irritant; skin irritant, irritation of digestive tract if swallowed.

Health Hazards (*Acute and Chronic*)
While this material has a low degree of toxicity, breathing high concentrations of vapors may cause irritation of eyes, nose, throat, respiratory tract. May cause signs of nervous system depression; nausea, vomiting, headaches. Respiratory systems associated with pre-existing lung disorders may be aggravated by exposure to this material.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?
possible human cancer; possible carcinogen possible carcinogen.

Signs and Symptoms of Exposure
Skin irritation, eye irritation; nose, throat & respiratory tract irritation. Nausea, vomiting, drowsiness, dizziness, loss of coordination and fatigue.

Medical Conditions Generally Aggravated by Exposure
Pre-existing lung disorders (e.g., asthma-like conditions)

Emergency and First Aid Procedures
Irrigate eyes for 15 minutes; flush skin with water 15 minutes; remo contaminated clothing; remove to fresh air if inhaled; if respirati stops, give mouth to mouth resusitation; if ingested, induce vomiting. SEEK IMMEDIATE MEDICAL ATTENTION.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
Stay upwind and away from spill. Keep all sources of ignition away from spill. If indoors, ventilate area of spill. Universal type foam may be used to suppress vapors. Keep out of drains, sewers and waterways. Use sand or other inert material to dam and contain spill. Do Not Flush area with water. Notify appropriate federal, state or local agencies.

Waste Disposal Method
Dospose of product in accordance with local, county, state and federal regulations.

Precautions to Be Taken in Handling and Storing
Keep containers tightly closed, cool, dry and away from sources of ignition. Use and store with proper ventilation. Avoid inhaling vapors and personal contact with product.

Other Precautions
Aluminium equipment should not be used for storage and/or transfer. Empty containers should be disposed of in an environmentally safe manner in accordance with goverment regulations.

Section VIII — Control Measures

Respiratory Protection (*Specify Type*)
If necessary, use a supplied air respirator. Do not use a chemical cartridge respirator.

Ventilation	Local Exhaust	Special	
	Mechanical (*General*)	Other	

Protective Gloves: Use gloves impermeable to EDC	Eye Protection: protective eyewear recommended

Other Protective Clothing or Equipment
A source of clear water should be available for flushing eyes and skin.

Work/Hygienic Practices
Impervious clothing should be worn.

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