

STATE OF CALIFORNIA

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH ¹

MATERIAL SAFETY DATA SHEET

***** I. PRODUCT IDENTIFICATION *****

Trade name (as labeled): ICC Cure Clean #499

Chemical names, common names: Chlorinated Solvent

Manufacturer's name: International Coatings Company, Inc.

Address: 13929 East 166th Street, Cerritos, CA. 90702-7666

Emergency phone: Chemtel (800) 255-3924 or
(813) 979-0626 {outside U.S.}

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Date prepared: March 07, 2000

Business phone: (562) 926-1010

***** II. HAZARDOUS INGREDIENTS *****

<u>Chemical Names</u>	<u>Sara Title III Sec 313</u>	<u>Percent</u>	<u>Exposure Limits in Air</u>		
			<u>ACGIH(TLV)</u>	<u>OSHA(PEL)</u>	<u>Other</u>
Methylene Chloride {Dichloromethane} (CAS #75-09-2)	Yes	>50	50 ppm TWA	500 ppm TWA	
Perchloroethylene {Tetrachloroethylene} (CAS #127-18-4)	Yes	< 50	50 ppm TWA	25 ppm TWA	

Methylene chloride and perchloroethylene are chemicals known to the state of California to cause cancer. This statement and exact wording is included as required by the state of California (proposition 65).

***** III. PHYSICAL PROPERTIES *****

Vapor density (air=1): >1

Specific gravity: 1.5

Solubility in water: NIL

Vapor pressure, mmHg at 20° C: 350

Evaporation rate (butyl acetate = 1): >1

Appearance and odor: Clear liquid. Sharp, pungent odor

Melting point or range, ° F: N/A

Boiling point or range, ° F: 100-250

How to detect this substance: (warning properties of substance as a gas, vapor, dust or mist)
Sharp, pungent odor

***** IV. FIRE AND EXPLOSION *****

Flash Point, °F (Give Method): None Auto Ignition temperature, °F: N/A

Flammable limits in air, volume %: lower None upper None

Fire extinguishing materials:

water spray X carbon dioxide other:
X foam X dry chemical

Special fire fighting procedures: Self-contained breathing apparatus should be worn in fighting chemical fires. Stored containers should be kept cool with spray to prevent explosion.

Unusual fire and explosion hazards: None known

***** V. HEALTH HAZARD INFORMATION *****

Symptoms of overexposure for each potential route of exposure.

Inhaled: Excessive inhalation may cause lightheadedness, headache, nausea unconsciousness and/or asphyxiation. Minimal anesthetic or narcotic effects may be seen in the range of 500-1,000 ppm methyl chloride.

Contact with skin or eyes: May be irritating to the skin, irritating to the eyes causing pain, lacrimation and general inflammation.

Absorbed through skin: None known

Ingested: May cause irritation of the gastrointestinal tract and produce symptoms of central nervous system depression.

Health effect or risks from exposure. Explain in lay terms.

Acute: Exposure to high concentrations of these vapors may cause asphyxiation and/or lightheadedness, skin irritation, eye irritation, nausea and headache.

Chronic: Can cause headaches, depression, nausea and visual disturbances. Long term skin contact may cause dermatitis. Excessive exposure may cause damage to central nervous system, liver or kidney. The contents of this material are suspected to be carcinogenic and/or can cause birth defects.

First aid: Emergency procedures

Eye contact: Flush eyes with large amounts of water for 10-15 minutes. Seek medical attention.

Skin contact: Wash thoroughly with soap and water.

Inhaled: Remove person to fresh air. If breathing has stopped, resuscitate and administer oxygen if available. Seek medical attention

Ingested: Do not induce vomiting. Seek medical attention immediately.

Suspected cancer agent?

No: this product's ingredients are not found in the lists below

X Yes: Federal OSHA NTP IARC X Cal/OSHA

Medical conditions aggravated by exposure: Angina or heart disease. Exposure may increase "myocardial irritability". Do not administer sympathomimetic drugs unless absolutely necessary.

Recommendations to physician: None known

***** VI. REACTIVITY DATA *****

Stability: Stable Unstable

Conditions to avoid

Incompatibility (material to avoid): Strong oxidizing materials

Hazardous decomposition products (including combustion products):
Hydrogen chloride, chlorine and phosgene

Hazardous polymerization: May occur Will not occur

Conditions to avoid: High heat, flames electric arcs, etc.

***** VII. SPILL, LEAK AND DISPOSAL PROCEDURES *****

Spill response procedures (include employee protection measures):

Evacuate the area, ventilate and avoid breathing vapors. Dike area to contain spill. Clean up area (wear protective equipment-refer to section VIII) by mopping or with absorbent material and transfer to closed containers for disposal. Avoid contamination of ground and surface waters. Do not flush to sewer.

Preparing wastes for disposal (container types, neutralization, etc.): Recovered liquids may be sent to a licensed reclaimer or incineration facility. Contaminated material must be disposed of in a permitted waste management facility. Consult federal, state or local disposal authorities for approved procedures.

NOTE: Disposal of all wastes in accordance with federal, state and local regulations.

***** VIII. SPECIAL HANDLING INFORMATION *****

Ventilation and engineering controls: Adequate mechanical ventilation should be provided to maintain solvent concentrations below TLV.

Respiratory protection: For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive pressure self-contained breathing apparatus. In confined or poorly ventilated areas, use an approved positive pressure self-contained breathing apparatus.

Eye protection (type): Splash proof goggles are recommended

Gloves (specify material): Solvent resistant gloves(viton, polyvinyl alcohol) are recommended

Other clothing and equipment: None normally required

Work practices, hygienic practices: Avoid contact with skin and avoid breathing vapors. Wash hands before eating or smoking.

Other handling and storage requirements: Store in cool dry location.

Protective measure during maintenance of contaminated equipment:

Do not cut or weld empty containers

***** IX. LABELING *****

Labeling (precautionary statements)*: D.O.T. Label *:

UN 2810, III, Toxic liquid NOS 6.1 (keep away from food) {Methylene Chloride, Perchloroethylene}

******* X. NOTES *******

This information is provided for those people trained in either the Hazardous Material Identification System (HMIS) or The National Paint & Coatings Association (NPCA) Identification of The Fire Hazards of Materials.

Health	3		<u>Hazard Rating Key</u>
Flammability	0	0 =	Minimal
Reactivity	0	1 =	Slight
		2 =	Moderate
		3 =	Serious
		4 =	Severe
		* =	Chronic Health Effects

******Highway or Railway Spills******

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