

Carpenter
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MATERIAL SAFETY DATA SHEET

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Division: Consumer

Date: 5/80 (Revised 11/90)

SECTION I - IDENTIFICATION

Product Name: Franklin Countertop Contact Cement

Chemical Family Description: Fluid syrup: Rubber and resin in nonflammable solvent.

Mfg. Code: 1303

SECTION II - HAZARDOUS INGREDIENTS

	OSHA TWA	OSHA STEL**	ACGIH TLV	ACGIH STEL**	% by WEIGHT	SARA Sect.313
1,1,1-Trichloroethane (CAS# 71-55-6)	350ppm	450ppm	350ppm	450ppm	84.6	YES
INHIBITORS:						
t-butyl alcohol (CAS# 75-65-0)	100ppm	150ppm	100ppm	150ppm	<2	YES
Dimethoxymethane (CAS# 109-87-5)	1000ppm	1250ppm	1000ppm	1250ppm	<2	NO
Calculated VOC Content:	45 g/l (from inhibitors; 1,1,1-Trichloroethane is an exempt solvent)					
Calculated VOC Content (less exempt solvent):	248 g/l					
** 15 minute exposure limit						

SECTION III - PHYSICAL DATA

Boiling Point (deg.F):	165	Specific Gravity (HOH = 1):	1.29
Typical Vis. (cps):	1200	Percent Volatile (Wt. %):	88
Vapor Density (Air = 1):	1+	Evaporation Rate (ether=1):	<1
Solubility in Water:	Nil	pH: Not applicable.	
Appearance and Odor:	Mobile green liquid with characteristic mild odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): Closed Cup = None
 Flammable Limits: Lel= 9% Uel= 19% *
 Extinguishing Media: CO2, Dry Chemical, Water Fog.
 Special Fire Fighting Procedures: Water may be used to keep fire-exposed containers cool until fire is out. Wear self-contained breathing apparatus with full facepiece operated in positive pressure mode.
 Unusual Fire and Explosion Hazards: * High energy ignition sources can cause slow flame front propagation through vapor/air mixtures (9%-19%). If involved in a fire, may release HCl and trace amounts of Chlorine and Phosgene.

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: 350 ppm
 Route(s) of Entry Ingestion: Yes
 Inhalation: Yes
 Skin: No
 Health Hazards (Acute & Chronic): INGESTION - Acute: gastrointestinal irritation; chronic: not known. INHALATION - Acute: Anesthetic effects; overexposure could cause unconsciousness and death; chronic: not known. SKIN - will not be absorbed through skin. Acute: irritation
 Carcinogenicity IARC Monographs: No
 NTP: No
 OSHA Regulated: No
 Signs & Symptoms of Exposure: INGESTION: gastrointestinal irritation. INHALATION; dizziness, staggering gait, light headedness, headache, confusion, nausea, unconsciousness. SKIN: irritation.
 Medical Conditions Generally Aggravated by Exposure: Heart, Lungs and Kidney conditions may be aggravated by inhalation.
 Emergency and First Aid Procedures: Consult Physician in all cases.
 INGESTION: Do not induce vomiting. INHALATION: Do not administer epinephrine. Remove patient from vapor area. Administer oxygen if breathing is labored. Apply artificial respiration if breathing has stopped. EYE CONTACT: Rinse with running water for fifteen minutes
 SKIN CONTACT: Wash with soap and water. Apply moisturizing lotion.

SECTION VI - REACTIVITY DATA

Stability - Stable: Yes
 Unstable: ---
 Conditions to Avoid: Strong oxidizing agents, strong alkalies. Avoid welding arcs and other high energy ignition sources.
 Incompatibility (Materials to Avoid): Avoid contamination with water. Avoid aluminum or galvanized pumping and/or pressure systems.
 Hazardous Polymerization - May Occur: ---
 Will Not Occur: Will Not
 Conditions to Avoid: N/A
 Hazardous Decomposition Products: N/A

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled (Disposal of container or contents should comply with all applicable federal, state and local regulations):
 Scrape up material and return to container or suitable waste container for disposal. Dispose of container or contents in accordance with all local, state and federal regulations for "Mixtures of 1,1,1-Trichloroethane".

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Wear Suitable NIOSH/MSHA Approved Respirator Where Exposure Limits are Exceeded): Refer to Section II for Limits

Ventilation - Local Exhaust: Sufficient plant ventilation to maintain less than 350 ppm; especially at point where product is dried.

Mechanical (General): Yes

Special: No

Other: No

Protective Gloves: To prevent repeated/prolonged contact, wear impervious gloves, such as polyethylene.

Eye Protection: Safety glasses with side shields or safety goggles.

Other Protective Equipment: S.C.B.A. if exposure limits are exceeded.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Since empty containers contain product residue, all hazard precautions given in this data sheet must be observed. Overexposure to 1,1,1-Trichloroethane has been suggested as a cause of the following effects in humans, due to overexposure to various components: cardiac abnormality, liver abnormalities, kidney damage, lung damage.

KEEP OUT OF REACH OF CHILDREN.

NOTE: While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Franklin International makes no warranty express or implied, with respect thereto and disclaims all liability from reliance thereon.