

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): CHEMCON 100

Description: Adhesive

MANUFACTURER'S NAME

Chemical Consultants, Inc.
1850 Wild Turkey Circle
Corona, CA 92880-1799 USA

DATE PREPARED/ REVISED:

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PREPARER

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II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Ethyl Cyanoacrylate	7085-85-0	90-100	.2 PPM TWA	Not Est'd	
Hydroquinone	123-31-9	<1	2mg/m3 TWA	2mg/m3 TWA	
Poly (methyl methacrylate)	9011-14-7	<5	Not-Est'd	Not-Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): 3

Specify gravity: 1.046

Solubility in water: nil

Vapor pressure, mmHg at 20 °C: <1

Appearance and odor:

Clear to white liquid, sharp odor. *This product thickens and will not work effectively 6 months from manufacturing date.

Melting point or range, °F

Boiling point or range, °F >300° F

Evaporation rate (butyl acetate =1): NA

pH (1% solution): NA

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 174 (TCC)

Auto ignition temperature, °F: N/D

Flammable limits in air volume %: lower (LEL) NA upper (UEL) NA

Fire extinguishing materials: water spray _____ carbon dioxide _____ other _____
foam _____ dry chemical

Special fire fighting procedures:

Firefighters should wear full protective gear including self-contained breathing apparatus with full face shield operated in positive pressure mode.

Unusual fire and explosion hazards:

Combustible, overheated, closed containers adjacent to fire could explode due to internal pressure build up.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Keep away from heat, flame and sparks.

Incompatibility (materials to avoid):

Polymerized by contact with water, alcohol's, amines, alkaline substances.

Hazardous decomposition products (including combustion products):

Non thermal (None)

Hazardous polymerization: May occur _____ Will not occur

Conditions to avoid:

Avoid contact with hot surfaces.

VI. HEALTH HAZARD INFORMATION**SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.**

Inhaled: Vapors may be irritating to the respiratory system. May cause runny and sore nose.

Skin: Moderately irritating. Hydroquinone may cause skin de-pigmentation and an allergic skin reaction.

Swallowed: May cause digestive system irritation.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.

Acute: Extremely irritating to eyes. Symptoms may include tearing.

Chronic: May cause permanent eye damage.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Do not force eyelids open. Immediately flush with plenty of water for at least 15 min. Call a physician.

Skin contact: Quickly soak in warm water and avoid use of excessive force to free. Call a physician if irritation persists.

Inhaled: If irritation occurs, move to fresh air.

Swallowed: Do NOT induce vomiting. Immediately call a physician or poison control center.

CARCINOGENICITY? YES: _____ NO:

This product's ingredients are found in this list. Federal OSHA _____ NTP _____ IARC _____ ACGIH _____

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin allergies, dermatitis.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Flood area with water to polymerize (cure) the material. Soak up with an inert absorbent.

Disposal Methods: May be incinerated. Cured material may be landfilled.

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

VIII. SPECIAL HANDLING PROCEDURES

Respiratory protection (type): None required if area is adequately ventilated.

Ventilation and engineering controls: Adequately ventilated with enough air movement to remove vapors.

Eye protection (type): Chemical goggles or safety glasses.

Gloves (specify material): Nitrile gloves.

Other clothing and equipment: Adequate protective clothing to prevent skin contact.

Work practices, hygienic practices: Always wash hands after handling.

Other handling and storage requirements: Keep container closed when not in use. Keep out of reach of children.
For industrial use only.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

NFPA Code System Rating = Health 2; Flammability 1; Reactivity 1.

HMIS Code System Rating = Health 2; Flammability 2; Reactivity 1

Volatile Organic Compound (VOC) = 925 gms / liter or 7.7 lbs/ gallon.

Contains no proposition 65 Designated chemicals.