

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



IDENTITY (As Used on Label and List) INSTA-CURE+	<i>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.</i>
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Section I

Manufacturer's Name BOB SMITH INDUSTRIES	Emergency Telephone Number 800-223-7699
Address (Number, Street, City, State, and ZIP Code) 8060 Morro Road	Telephone Number for Information 805-466-1717
Atascadero, CA 93422	Date Prepared February 25, 2004
	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)
Ethyl 2-cyanoacrylate (CAS NO. 7085-85-0)	Not listed			95.0
Others				5.0

H-2, F-2, R-1

VOC's - 0%

All ingredients in this product comply with the TSCA Inventory requirements.

Section III — Physical/Chemical Characteristics

Boiling Point (6mmHg)	149°F	Specific Gravity (H ₂ O = 1)	1.05
Vapor Pressure (mm Hg.) (68°F)	0.17mmHg	Melting Point	-22°F
Vapor Density (AIR = 1)	4.34	Evaporation Rate (Butyl Acetate = 1)	0.15

Solubility in Water

Insoluble. Water causes rapid polymerization.

Appearance and Odor

Colorless liquid with odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 181°F (Closed Cup)	Flammable Limits (% by Vol.) N/A	LEL 1.7	UEL No Data
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Extinguishing Media

Dry chemical, carbon dioxide

Special Fire Fighting Procedures

Self contained breathing apparatus with facepiece and protective clothing if involved in a fire of other materials.

Unusual Fire and Explosion Hazards

None known.

Section V — Reactivity Data

Stability	Unstable	X	Conditions to Avoid High humidity, high temperature or ultraviolet ray.
	Stable		

Incompatibility (Materials to Avoid)
Basic compound such as amines.

Hazardous Decomposition or Byproducts
Will not occur.

Hazardous Polymerization	May Occur	X	Conditions to Avoid Contact with basic compound such as amines.
	Will Not Occur		

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? No	Ingestion? No
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Health Hazards (Acute and Chronic)
Skin: Rapid polymerization will occur on skin with heat. If a quantity is large, skin burning may happen. Inhalation: High vapor concentration can induce nasal mucous, headache, and giddiness. Eye: Eye irritation and lachrymation will occur slightly.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure
Mild irritation of eyes, nose and throat.

Medical Conditions
Generally Aggravated by Exposure Inhalation: Nasal mucous, headache and giddiness in some individuals.
Eye: Lachrymation, irritation.

Emergency and First Aid Procedures
Skin: Wash material off the skin with plenty of water. Eye: If eye contact occurs, immediately flush with plenty of water for at least 15 minutes and get medical attention.
Inhalation: Remove person to fresh air. If cough or respiratory symptoms develop, get medical attention.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
Wear eye protection, protective clothing. Wipe and soak up liquid with absorbent like rag if a large quantity is spilled. Ventilate spill area.

Waste Disposal Method
Immerse absorbent in a pail of water and dispose as oily rags.

Water will cause instant polymerization to an inert solid.
Precautions to Be Taken in Handling and Storing
Avoid contact with skin and eyes.

Other Precautions
Avoid storage with primers. Store in dark, cool place.

Section VIII — Control Measures

Respiratory Protection (Specify Type)
Not normally needed if controls are adequate.

Ventilation	Local Exhaust Normal air exchange	Special Not required
	Mechanical (General) Normal air exchange	Other Not required

Protective Gloves Rubber or polyethylene gloves	Eye Protection Eye glasses
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Other Protective Clothing or Equipment
Not required

Work/Hygienic Practices
Not required