#3209 Un-Cure (cyanoacrylate debonder) Page 1 of 2

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



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. IDENTITY (As Used on Label and List) UN-CURE Section I Manufacturer's Name Emergency Telephone Number Bob Smith Industries <u>(800) 223-7699</u> Address (Number, Street, City, State, and ZIP Code) Telephone Number for Information 8060 Morro Road (805) 466-1717Date Prepared Atascadero, CA 93422 May 20, 2004 Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Recommended % (optional) 30 mg/m10 ppm, Dimethylformamide (CAS No. 68-12-2) H-1, F-2, R-1All ingredients in this product comply with the TSCA Inventory requirements. Section III — Physical/Chemical Characteristics Boiling Point Specific Gravity (H₂O = 1) 0.949 153°C (307°F) Vapor Pressure (mm Hg.) Melting Point $-61^{\circ}C (-78^{\circ}F)$ 2.5mmHg at 20°C Vapor Density (AIR = 1) Evaporation Rate 2.5 Less than 1 (Butyl Acetate = 1) Solubility in Water 100% Appearance and Odor Clear, colorless liquid. Slight Amine ordor Section IV — Fire and Explosion Hazard Data Flash Point (Method Used) Flammable Limits LEL UEL 58°C (136°F) TCC 2.2 to 15.2 Extinguishing Media Water Fog, Alcohol foam, dry chemical, carbon dioxide Special Fire Fighting Procedures Stay upwind and avoid smoke and fumes. Ιf smoke Evacuate enclosed areas. can't be avoided, wear chemical-proof suit with hood and air supply. Use Unusual Fire and Explosion Hazards water spray to cool containers, flush spills, and disperse vapors.

OSHA Class II Combustible.

Vapors may travel to source of ignition.

Section V — Reactivity Data				
Stability	Unstable		Conditions to Avoid	
	Stable			
Incompatibility (/	 Materials to Avoid)	X	Stable at normal temperatures and conditions of s	torage.
May reac	t with som	e pc	olyhalogenated compounds and inorganic acid chloric	des.
May rele	nposition or Byprodu ase dimeth	cts ylan	mine and CO if heated above 350°C.	
Hazardous Polymerization	May Occur		Conditions to Avoid	
7 Olymonzation	Will Not Occur	X		
0			None	Wilderstein I
Route(s) of Entry:	Health Hazard	Data ation?	Olico	et delectromente
	Y∈		Skin? Ingestion? Yes Yes	
Health Hazards (Acute and Chronic) Overexposure may cause skin irritation with discomfort or rash; eye irritation				
with dis	comfort, t	eari	ing, or blurring of vision. May have toxic effects	s on
the live	r and kidn	ev.		
Carcinogenicity:	NTP N/.	?	IARC Monographs? OSHA Regulated? N/A NO	
Does not have carcinogenic or mutagenic effects. Signs and Symptoms of Exposure				
			rt such as nausea, headache, or weakness; abdomina	<u>L</u>
Medical Condition	19		le short-live intolerance of alcoholic beverages.	
Generally Aggrav	ated by Exposure	Indi	ividuals with preexisting diseases of the liver may	<u>/</u>
have increased susceptibility to the toxicity of excessive exposures.				
Emergency and First Aid Procedures If inhaled, remove to fresh air. Flush eyes or skin with plenty of water				
for 15 m:			owed, do not induce vomiting. Give water and call o	
Section VII — Precautions for Safe Handling and Use				
Steps to Be Taken in Case Material Is Released or Spilled Dike spill with sand or earth. Absorb with sand or nonflammable absorbent				
material. Transfer to covered steel drum for recovery or disposal. Flush				
away remaining traces with water spray.				
Waste Disposal Method				
Dispose of by incineration, bio-oxidation, or by removal to hazardous landfill.				
Precautions to Be	Taken in Handling	and Sto	Oring	
Store aw	ay from he	and side	Avoid breathing vapors. Avoid contact with eyes	,
skin, an	d clothing			-
Other Precautions		ah+	ly closed in a cool place away from heat, sparks,	
		gire	Ty Closed III a cool place away from field, sparks,	
and flam	- Control Meas	uroc		-
	ction (Specify Type)	ures		No.
Use full	-face with	ai	r supply if concentration above 100 ppm are found.	
Ventilation Local Exhaust Special Recommended for large volume work				
	Mechanical (General	")	uate ventilation Other	-
Protective Gloves			Eye Protection	
Butyl rubber gauntlet gloves. Safety spectacles or goggles. Other Protective Clothing or Equipment				
Apron and boots. Work/Hygienic Practices				
Wash tho	roughly af	ter	handling. Do not take internally.	