

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)

PVC Cement
CMD-15220, CMD-10220

*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.*

Section I

Manufacturer's Name Crow Marketing & Distribution, Inc.	Emergency Telephone Number 800-255-3924
Address (Number, Street, City, State, and ZIP Code) P. O. Box 29171, Dallas, TX 75229	Telephone Number for Information 972-241-3049
	Date Prepared 11-15-91 REVIEWED 12/01/99
	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)
Tetrahydrofuran, CAS#109-99-9, Combustible	200 ppm 590 mg/m ³	200 ppm 590 mg/m ³		20-40
Methyl Ethyl Ketone, CAS#78-93-3, Oxidizer	200 ppm 590 mg/m ³	200 ppm 590 mg/m ³		30-60
Acetone, CAS#67-64-1	750 ppm 1800 mg/m ³	750 ppm 1780 mg/m ³		0-1
Cyclohexanone, CAS#108-94-1, Explosive	50 ppm 200 mg/m ³	25 ppm 100 mg/m ³		5-15
PVC Resin, CAS#9002-86-2				10-20

HMIS INFORMATION

Health	2
Reactivity	1
Flammability	3

Section III -- Physical/Chemical Characteristics

Boiling Point	151°F	Specific Gravity (H ₂ O = 1)	.94±.01
Vapor Pressure (mm Hg.) 145 mm Hg@ 20°		Melting Point	N/A
Vapor Density (AIR = 1)	2.5	Evaporation Rate (Butyl Acetate = 1)	5.5-8.0

Solubility in Water

Negligible

Appearance and Odor

Clear liquid, ether like odor

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) 0-6°F Tag Closed Cup	Flammable Limits N/A	LEL 1.8	UEL 11.8
---	-------------------------	------------	-------------

Extinguishing Media

Dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

Special Fire Fighting Procedures

For large fire, evacuate area, call fire department.

Unusual Fire and Explosion Hazards

N/A

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid Heat, sparks, open flames
	Stable	X	

Incompatibility (*Materials to Avoid*)
Acids, oxidizing materials, alkalis, chlorinated inorganics (Potassium, Calcium, and sodium hypochlorite) copper or copper alloys.

Hazardous Decomposition or Byproducts
Carbon monoxide/carbon dioxide/hydrogen chloride/smoke.

Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

Section VI -- Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
--------------------	--------------------	--------------	-------------------

Health Hazards (*Acute and Chronic*)
INHALATION: May cause irritation of mucous membrane, nose & throat, headache, dizziness, nausea, numbness of the extremities and narcosis in high concentrations. Has CNS depression, liver damage in animals, & high concentrations have caused retardation of fetal development in rats.
INGESTION: May be aspirated into the lungs or cause systemic effects described under inhalation. **SKIN:** Chronic contact may lead to irritation and dermatitis. Chronic exposure to vapors of high concentrations may cause dermatitis. May be absorbed through the skin. **EYE:** Vapors of direct contact may cause irritation.

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
------------------	-------------	-------------------------	------------------------

Signs and Symptoms of Exposure
SKIN: chronic contact may lead to irritation and dermatitis. **EYES:** Vapors of direct contact may cause irritation.

Medical Conditions
 Generally Aggravated by Exposure Asthma and emphysema.

Emergency and First Aid Procedures
INHALATION: Move to fresh air and call emergency medical care. If breathing is difficult give oxygen. If not breathing, give artificial respiration. Keep victim warm and quiet. **SKIN:** flush with water, then wash thoroughly with soap & water. Remove & isolate contaminated clothing & shoes at the site. Call a poison control center or physician if irritation persists. **EYES:** flush with running water for 15 minutes and call a poison control center or physician if any irritation persists. **INGESTION:** Drink plenty of water. **DO NOT INDUCE VOMITING,** call a poison control center or physician immediately. Avoid alcoholic beverages. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
 Ventilate area, stop leak if it can be done without risk. Take up with sand, earth or other non-combustible absorbent material.

Waste Disposal Method
 According to local, state and federal regulations only.

Precautions to Be Taken in Handling and Storing
 Keep away from heat, sparks and flames, store in cool dry place.

Other Precautions
 Empty containers, contain residue and vapors, contact local and state agencies for proper disposal of these containers.

Section VIII -- Control Measures

Respiratory Protection (*Specify Type*)
 NIOSH-APPROVED canister respirator in absence of adequate ventilation.

Ventilation	Local Exhaust	Open doors/windows, UL Listed Fan	Special	N/A
	Yes	Mechanical (<i>General</i>)	Capable of maintaining emissions below PEL	Other

Protective Gloves Rubber	Eye Protection Safety goggles with side shields
-----------------------------	--

Other Protective Clothing or Equipment
 Eye wash and safety shower should be available.

Work/Hygienic Practices
 No smoking in or around area of use.