

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)
NA1133 High Temp Spray Adhesive CMD-11h

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 214-241-3049
	Date Prepared 03-23-93 REVIEWED 12/01/97
	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)
Toluene CAS #108-88-3	100			
Acetone CAS #67-64-1	1000			
Hexane CAS #110-54-3	500			

HMIS INFORMATION

Health	3
Reactivity	0
Flammability	3

Section III -- Physical/Chemical Characteristics

Boiling Point	134-230	Specific Gravity (H ₂ O = 1)	.83
Vapor Pressure (mm Hg.) at 68°F at 20°C	22	Melting Point	82.50
Vapor Density (AIR = 1)	2.0	Evaporation Rate (Butyl Acetate = 1)	2.0
Solubility in Water Neg.			
Appearance and Odor Light Cream Color. Aromatic Odor			

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) TCC 0°F	Flammable Limits	LEL 1.0	UEL 12.8
Extinguishing Media Exclude air, use foam, CO ₂ , steam, dry chemicals.			
Special Fire Fighting Procedures Handle as very flammable liquid.			

Unusual Fire and Explosion Hazards
Vapor forms explosive mixture with air between upper and lower explosive limits.

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*)
N/A

Hazardous Decomposition or Byproducts
CO, CO2 when combusted

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI -- Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion?
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Health Hazards (*Acute and Chronic*)

Prolonged or repeated skin contact with this product tends to remove skin oil possibly leading to irritation and dermatitis. Eye contact can cause eye irritation.

Carcinogenicity:	NTP? Not listed	IARC Monographs? Not Listed	OSHA Regulated? Not Listed
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Signs and Symptoms of Exposure

Anesthesia - headache, nausea, dizziness, etc. Liquid moderately irritating to skin and eyes.

Medical Conditions

Generally Aggravated by Exposure Skin allergies - respiratory ailments

Emergency and First Aid Procedures

Remove victim and restore breathing if required. Remove from skin with soap and water. Flush eyes with water.

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Avoid Open Flame and Spark Sources. Avoid splash-filling. Provide adequate ventilation. Avoid excessive heat.

Waste Disposal Method

Evaporate or slush with water to open, well ventilated area. Use oil sewer if available. Remove to container.

Precautions to Be Taken in Handling and Storing

Avoid open flame and spark sources. Avoid splash-filling. Provide adequate ventilation. Avoid excessive heat.

Other Precautions

Section VIII -- Control Measures

Respiratory Protection (*Specify Type*)

Organic canister mask or air pack

Ventilation Yes	Local Exhaust Desirable	Special None required
	Mechanical (<i>General</i>) With approved Class D explosion-Proof Motors and Switches.	Other None required

Protective Gloves

Normally not required.

Eye Protection

Conventional eye cover to guard against unexpected splashing.

Other Protective Clothing or Equipment

Work/Hygienic Practices