

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)

Foam Master
CMD-20-1212

*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 11-15-91 REVIEWED 02-02-2000
	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)
4,4' Diphenylmethane Diisocyanate (MDI) CAS# 101-68-8	.005 ppm TWA,	.02 ppm ceiling		30-60%
Polymeric MOI CAS# 9016-87-9	NE	NE		30-60%
Polyether Poly Blend	1,000 ppm	1,000 ppm		15-40%
Chlorodifluoromethane CAS# 75-45-6 3,500 (1000 ppm) TWA				15-40%
	NE	NE		
	1,000 ppm	1,000 ppm		

DOT Class = ORM-D

NE Means Not Established

HMIS INFORMATION

Health	2
Reactivity	0
Flammability	1

Section III -- Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.3
Vapor Pressure (mm Hg.)	21°C, 70°F	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

None

Appearance and Odor

Off White Foam, mild odor

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) Pinsky-Martin Closed Cup 390°F, 199°F for MDI, None for Halogenated Hydrocarbon	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media

Dry chemical, carbon dioxide, high expansion chemical foam, water spray

Special Fire Fighting Procedures

Firefighters should wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards

During fire MDI vapors, halogenated hydrocarbon vapors can be generated, aerosol cans can rupture, containers should be cooled.

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid water contamination, open flames, temp. above 120° or below 32°, alcohols, strong bases, do not incinerate.
	Stable	X	

Incompatibility (*Materials to Avoid*)
N/A

Hazardous Decomposition or Byproducts

By high heat or fire: carbon monoxide, oxides of nitrogen, traces of HCN, MDI, inorganic acid possible carbonyl halides.

Hazardous Polymerization	May Occur	X	Conditions to Avoid Contact with moisture or other materials that react with isocyanate, or temp. over 400°F, 204°C is given as MDI and Halogenated hydrocarbon.
	Will Not Occur		

Section VI -- Health Hazard Data

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

INHALATION: In large quantities can lead to irritation of mucous membrane, headache, SKIN: Localized irritation. INGESTION: Can result in irritation and corrosive action in mouth and digestive tract.

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
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Components of this product are not classified as carcinogenic.

Signs and Symptoms of Exposure

INHALATION: Asthma like symptoms, headache, SKIN: reddening

Medical Conditions

Generally Aggravated by Exposure Asthma

Emergency and First Aid Procedures

INHALATION: Remove from area give oxygen or respiration if needed, SKIN: use mild solvent to remove, then wash with soap & water;

INGESTION: Do not induce vomiting, give 1 to 2 glasses of water, consult physician.

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Scrape up with cardboard, etc.

Waste Disposal Method

Dispose of as a plastic waste material. Can be disposed of as non-hazardous waste.

Precautions to Be Taken in Handling and Storing

Protect from physical abuse, do not store over 120°F

Other Precautions

Do not puncture or incinerate container.

Section VIII -- Control Measures

Respiratory Protection (*Specify Type*)

NIOSH/MSHA approved gas mask with acid mists canister where mists or sprays are generated.

Ventilation	Local Exhaust	Recommended	Special	N/A
	Yes	Mechanical (<i>General</i>)	N/A	Other

Protective Gloves	Rubber or plastic	Eye Protection	Safety goggles
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Other Protective Clothing or Equipment

Long sleeves

Work/Hygienic Practices

Use with adequate ventilation, remove contaminated clothing.