

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.

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	EMERGENCY TELEPHONE NO.
DYNABRADE, INC.	(716) 631-0100
ADDRESS (number, street, city, state and zip code) 8989 SHERIDAN DRIVE	TELEPHONE NO. FOR INFORMATION (716) 631-0100
CLARENCE, NEW YORK 14031	DATE PREPARED 12/01/00
	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	PERCENT OPTIONAL
Methylene Bis (4-Cyclochexy Lisocyanate)				10 - 15%
Polyther Prepolymers of PICM				85 - 100%

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	SPECIFIC GRAVITY ($H_2O = 1$)		
> 300°F	1.04		
VAPOR PRESSURE	MELTING POINT		
< .001 mm Hg @ 68°F	N/A		
VAPOR DENSITY (AIR = 1)	EVAPORATION RATE (Butyl Acetate=1)		
> N/D	N/D		
SOLUBILITY IN WATER	PERCENT VOLATILE BY VOLUME (%)		
NIL (Reacts)	N/A		
APPEARANCE AND ODOR Clear Liquid with faint color.	IS MATERIAL: ☐ LIQUID ☐ SOLID		

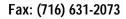
SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used)	FLAMMABLE LIMITS	LEL	UEL		
400°F (204°C) (TCC)	N/D				
EXTINGUISHING MEDIA					
Foam, dry chemical or carbon dioxide.					
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus and full protective equipment. Containers exposed to fire may be cooled with water spray.					
UNUSUAL FIRE AND EXPLOSION HAZARDS Extreme heat or contamination with water (which reacts with resin releasing Carbon Dioxide) could burst closed containers.					

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8989 Sheridan Drive

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SECTION V – REACTIVITY DATA

	UNSTABLE			CONDITIONS TO AVOID	
STABILITY	STABLE	x		Extreme heat or open flame.	
INCOMPATIBILITY (materials to avoid)					
Avoid contact with Alcohols, Amines, Strong Bases: The resin reacts w/water to give off Carbon Dioxide.					
HAZARDOUS DECOMPOSITION PRODUCTS:					
N/A Except as to combustion products-see section IV above.					
HAZARDOU POLYMERIZATIO	MAY OC	CCUR	х	CONDITIONS TO AVOID	
	TION WILL N	OT OCCUR		Temperatures above 400°F and moisture.	

SECTION VI – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	Inhalation Yes	Skin Contact Yes	Other (specify) Yes Ingestion		
HEALTH HAZARDS (Acute and Ch	ronic)				
Prolonged skin contact may cau	use blistering o	of the skin. Prolo	nged eye contact may cause severe eye	damage.	
CARCINOGENICITY:		NTP?	IARC MONOGRAPHS?	OSHA REGULATED?	
		No	No	No	
SIGNS AND SYMPTOMS OF EXP	OSURE Eyes: Irr	itation, reddening, tea	rs. Skin: Redness, swelling prolonged contact may	cause blistering. Inhalation: May cause	
respiratory, irritation or allergic reaction. Ingestion: Could cause irritation of mouth, stomach tissue and digestive tract.					
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE					
Skin allergies, eczema, asthma, bronchitis, and other respiratory disorders.					
EMERGENCY AND FIRST AID PROCEDURES Eyes: flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult					
a physician. Skin: remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless					
of appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body. Inhalation: vapor pressure is					
very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and					
call a physician. Ingestion: if ingested, call physician immediately. Do not induce vomiting. Give milk or water,					

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Prevent skin and eye contact. Absorb spill on vermiculite: Transfer to impervious container. Treat with dilute ammonia for 24 hours in open container. Wash spill area with strong detergent.

WASTE DISPOSAL METHOD

Discard in accordance with state or local regulation. Applicable Cercla/RCRA hazardous waste codes.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store tightly closed in cool, dry place. Don't let moisture contaminate material. Keep hands away from eyes when handling.

OTHER PRECAUTIONS

Cleanse skin thoroughly after contact.

SECTION VIII - SPECIAL PROTECTION INFORMATION

	PROTECTION (specify type)			
None required with proper ventilation.				
	LOCAL EXHAUST		SPECIAL	
VENTILATION	Recommended for confined area.		N/A	
	MECHANICAL (general)		OTHER	
	Adequate for normal use.		N/A	
PROTECTIVE	PROTECTIVE GLOVES (specify type) EYE PROTECTION (sp		pecify type)	
Required to prevent skin contact. Wear eye protect		Wear eye protection.		
OTHER PROTECTIVE CLOTHING OR EQUIPMENT				
Use oil-resistant apron if needed				
WORK/HYGIEN	VIC PRACTICES			
Cleanse skin thoroughly after contact				