



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.

FULL DISCLOSURE

IDENTITY (as it appears on label and list) Part B Curing Agent (57489)	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.
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SECTION I

MANUFACTURER'S NAME DYNABRADE, INC.	EMERGENCY TELEPHONE NO. (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
Aromatic Amine (Not MOA)				30 - 60%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT > 450° F	SPECIFIC GRAVITY (H ₂ O = 1) 1.08
VAPOR PRESSURE < 1 @ 70° F	MELTING POINT N/A
VAPOR DENSITY (AIR = 1) > 1	EVAPORATION RATE (Butyl Acetate=1) < 1
SOLUBILITY IN WATER NIL	PERCENT VOLATILE BY VOLUME (%) N/A
APPEARANCE AND ODOR Mobile, black liquid with mild, ammonia-like odor.	IS MATERIAL: <input type="checkbox"/> LIQUID <input type="checkbox"/> SOLID <input checked="" type="checkbox"/> SEMI-SOLID <input type="checkbox"/> GAS <input type="checkbox"/> PASTE <input type="checkbox"/> POWDER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used) > 275° F	FLAMMABLE LIMITS N/D	LEL	UEL
EXTINGUISHING MEDIA Use water, carbon dioxide, dry chemical or foam.			
SPECIAL FIRE FIGHTING PROCEDURES Avoid breathing fumes. Fire fighters should wear full protective gear and self-contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Water or foam may cause frothing.			

SECTION V – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Extreme heat or open flame.
	STABLE	X	
INCOMPATIBILITY (materials to avoid) Strong acids and oxidizer.			
HAZARDOUS DECOMPOSITION PRODUCTS: N/A Except as to combustion products. (see section IV)			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	None

SECTION VI – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	Inhalation Yes	Skin Contact Yes	Other (specify) Yes (Ingestion)
HEALTH HAZARDS (Acute and Chronic) Rare instances of sensitization to the polyamine curing agent have been reported.			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
SIGNS AND SYMPTOMS OF EXPOSURE Ingestion expected to cause severe toxic effects.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE None			
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. Ingestion: if ingested, call physician immediately. Dilute with water and induce vomiting.			

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Avoid contamination of soil, waters and sewers. Absorb on inert material and transfer to impervious container for disposal. Clean spill area with strong detergent and water.
WASTE DISPOSAL METHOD Discard as non-hazardous waste in accordance with federal, state and local regulation.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store well closed in a cool, ventilated area away from ignition sources purge with Nitrogen and close container when not in use.
OTHER PRECAUTIONS Avoid contact with skin and eyes, do not contaminate soil, water or sewers with unmixed hardener.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) None required with proper ventilation.		
VENTILATION	LOCAL EXHAUST Recommended for confined area.	SPECIAL N/A
	MECHANICAL (general) Adequate for normal use.	OTHER N/A
PROTECTIVE GLOVES (specify type) Required to prevent skin contact.		EYE PROTECTION (specify type) Wear eye protection.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT		
WORK/HYGIENIC PRACTICES		