



# 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.

IDENTITY (as it appears on label and list) <b>DYNUBA® 100 (60000)</b>	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 <b>DYNABRADE, INC.</b>	EMERGENCY TELEPHONE NO. <b>(716) 631-0100</b>
ADDRESS (number, street, city, state and zip code) <b>8989 SHERIDAN DRIVE</b>	TELEPHONE NO. FOR INFORMATION <b>(716) 631-0100</b>
<b>CLARENCE, NEW YORK 14031</b>	DATE PREPARED <b>4/04/01</b>
	SIGNATURE OF PREPARER (optional)

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s))	CSA #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
<b>Petroleum Distillate</b>	<b>64742-54-7</b>	-	<b>5mg/m3</b>	-	<b>&lt; 50</b>
<b>Petroleum Distillate</b>	<b>64742-65-0</b>	-	<b>5mg/m3</b>	-	<b>&lt; 50</b>
<b>Aliphatic Petroleum Distillate</b>	<b>64742-89-8</b>	<b>400</b>	-	-	<b>40-50</b>
<b>Carbon Dioxide</b>	<b>124-38-9</b>	<b>10000</b>	<b>5000</b>	<b>30000</b>	<b>1-10</b>

**Aliphatic Petroleum Distillate contain 4% Cyclohexane (110-82-4) which is subject to the reporting requirements of section 313 of SARA Title III.**

All chemical compounds marked with an asterisk (\*) are toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT <b>Range -40° F to &gt; 600° F</b>	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) <b>0.8</b>
VAPOR PRESSURE <b>95-100 mm Hg @ 20 C</b>	MELTING POINT <b>N/A</b>
VAPOR DENSITY (AIR = 1) <b>Heavier than air 4.0</b>	EVAPORATION RATE (Butyl Acetate=1) <b>&gt; 1</b>
SOLUBILITY IN WATER <b>Not</b>	PERCENT VOLATILE BY VOLUME (%) <b>N/A</b>
APPEARANCE AND ODOR <b>Brown/Solvent</b>	IS MATERIAL: <input type="checkbox"/> LIQUID <input type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input checked="" type="checkbox"/> GAS <input type="checkbox"/> PASTE <input type="checkbox"/> POWDER
<b>DOES NOT CONTAIN SILICONE</b>	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used) <b>Based on aliphatic petr. dist. 10F TCC</b>	FLAMMABLE LIMITS	LEL <b>1.2</b>	UEL <b>Not Determined</b>
EXTINGUISHING MEDIA <b>Dry chemical, carbon dioxide or water spray (fog)</b>			
SPECIAL FIRE FIGHTING PROCEDURES <b>Aerosol cans may rupture when heated.</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>Heated cans may burst.</b>			

## SECTION V – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	✓	<b>High Temperatures</b>
INCOMPATIBILITY (materials to avoid) <b>Incompatible with strong oxidizers.</b>			
HAZARDOUS DECOMPOSITION PRODUCTS: <b>In fire, will decompose to carbon dioxide, water.</b>			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	✓	<b>None</b>

## SECTION VI – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY <input checked="" type="checkbox"/> eye <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Other (specify)
HEALTH HAZARDS (Acute and Chronic) <b>May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract.</b>
SIGNS AND SYMPTOMS OF EXPOSURE <b>Inhalation – Difficulty in breathing. Skin – Redness. Ingestion – Vomiting.</b>
CARCINOGENICITY <b>Contains toluene which is known to the state of california to cause reproductive harm.</b>
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE <b>Heart disease; Respiratory disorders.</b>
EMERGENCY AND FIRST AID PROCEDURES <b>Give oxygen – DO NOT INDUCE VOMITING – Gastric Lavage – Wash eyes and skin with water.</b>

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED <b>Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.</b>
WASTE DISPOSAL METHOD <b>Dispose as hazardous waste in accordance with EPA RCRA.</b>
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING <b>Keep away from heat, sparks, or open flame. Store at temperatures below 120° F.</b>
OTHER PRECAUTIONS <b>When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.</b>

## SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) <b>Self contained breathing apparatus if above TLV limit exceeding.</b>		
VENTILATION	LOCAL EXHAUST <b>Yes</b>	SPECIAL <b>None</b>
	MECHANICAL (general) <b>None</b>	OTHER <b>None</b>
PROTECTIVE GLOVES (specify type) <b>None required if spraying.</b>		EYE PROTECTION (specify type) <b>Safety goggles</b>
OTHER PROTECTIVE CLOTHING OR EQUIPMENT		
WORK/HYGIENIC PRACTICES		