

CAT. No's, 40279 - CHAE-IL
 Chop Saw wheel

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



000106

IDENTITY (As Used on Label and List)

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 DONGIL INDUSTRIES CO., LTD.	Emergency Telephone Number 82-2-312-220176
Address (Number, Street, City, State, and ZIP Code) C.P.O.BOX 8258 SEOUL KOREA	Telephone Number for Information 82-0334-2-5391/2
	Date Prepared JUNE 04, 1988
	Signature of Preparer (optional) <i>[Signature]</i>

Section II — Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
MAY CONTAIN ONE OR MORE OF THE FOLLOWING :	MG/M ³	MG/M ³		
	CAS NO.			
ALUMINIUM OXIDE ABRASIVE	1344-28-1	15	10	
ZIRCONIUM OXIDE	7440-76-2	5	5	
SILICON CARBIDE	409-21-2	15	10	
THE CHEMICALS LISTED BELOW MAY BE PART OF THE BONDING SYSTEM				
ELUORIDES (AS FLUORINE)		2.5	2.5	
CALCIUM OXIDE	1305-78-8	5	2	
IRON DISSULFIDE (PYRITES)	12068-85-8	5	5	
GRAPHITE	7782-45-5		15	
SULPHUR	7704-34-9		10	

* LISTS WILL BE CONTINUED TO APPENDIX A

Section III — Physical/Chemical Characteristics

Boiling Point NOT APPLICABLE	Specific Gravity (H ₂ O = 1) VARIES
Vapor Pressure (mm Hg.) NOT APPLICABLE	Melting Point NOT APPLICABLE
Vapor Density (AIR = 1) NOT APPLICABLE	Evaporation Rate (Butyl Acetate = 1) NOT APPLICABLE
Solubility in Water NOT SOLUBLE	
Appearance and Odor SOLID ; VARIOUS SHADES OF GRAY AND BROWN. SLIGHT ODOR	

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) NOT APPLICABLE	Flammable Limits NOT APPLICABLE	LEL	UEL
Extinguishing Media NOT APPLICABLE			
Special Fire Fighting Procedures NOT APPLICABLE			
Unusual Fire and Explosion Hazards NONE			

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	V	

Incompatibility (Materials to Avoid) UNKNOWN

Hazardous Decomposition or Byproducts UNKNOWN

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	V	

Section VI — Health Hazard Data

Route(s) of Entry: INHALATION (Inhalation?) Skin? Ingestion?

Health Hazards (Acute and Chronic)

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure GRINDING WHEELS BREAK DOWN DURING USE. THE RESULT DUST IS CLASSIFIED AS NUISANCE DUST AND WOULD HAVE THE PULMONARY EFFECTS OF NUISANCE DUST.

Emergency and First Aid Procedures IF INHALATION OVER-EXPOSURE OCCURS, REMOVE INDIVIDUAL TO FRESH AIR AND CONTACT PHISICIAN, IF NECESSARY.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled VENTILATE AREA. COLLECT MATERIAL IN MOST CONVENIENT AND SAFE MANNER FOR RECLAMATION OR DISPOSAL.

Waste Disposal Method DISPOSE OF IN SECURED SANITARY LANDFILL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

Precautions to Be Taken in Handling and Storing STORE IN A DRY AREA, TAKE MEASURES TO INSURE AGAINST. MECHANICAL DAMAGE.

Other Precautions STORE AND USE IN ACCORDANCE WITH ANSI B7.1 AND THE INSTRUCTIONS PACKED WITH THE WHEELS.

Section VIII — Control Measures

Respiratory Protection (Specify Type) DUST RESPRRATORS APPROVED BY NATIONAL INSTITUTE OF SAFETY AND HEALTH MAY BE REQUIRED.

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

UTILIZE LOCAL EXHAUST TO KEEP DUST BELOW TLV IF REQUIRED

Protective Gloves MAY BE REQUIRED IN CUTTING APPLICATIONS Eye Protection REQUIRED

Other Protective Clothing or Equipment WHEN NEEDED FOR OPERATOR PRETECTION;

Work/Hygenic Practices

OSHA-174, MATERIAL SAFETY DATA SHEET.

APPENDIX #A.

CONTINUED TO COVER PAGE SECTION II

CALCIUM CARBONATE		10	
PARAFFIN OR WAX			2
POTASSIUM SULFATE			(NO APPLICABLE INFORMATION FOUND)
FIBROUS GLASS		10	10
CURED RESIN			10
LIMESTONE	1317-65-3		10
FURFURAL	98-01-1	5PPM	2PPM
OLIVINE	14808-60-7	7.1	