



MATERIAL SAFETY DATA SHEET

SECTION I NAME AND PRODUCT

MANUFACTURER'S NAME Milwaukee Electric Tool Corporation	CONTACT Gregory Krohn
ADDRESS (STREET, CITY, STATE AND ZIP CODE) 13135 West Lisbon Road; Brookfield, WI 53005	EMERGENCY TELEPHONE NO ext. 226 (414) 781-3600
TRADE NAME, COMMON NAME OR SPECIFICATION Metal bonds for diamond core bits	APPROVED BY Gregory Krohn DATE 11/25/85
CHEMICAL FAMILY OR PRODUCT TYPE Diamond segmented Core Bits	

SECTION II COMPOSITION

CHEMICAL AND COMMON NAME	REG.* (Y/N)	CAS #	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCINOGEN* (Y/N)
The composition of this product is considered a trade secret. Specific components in this product will be revealed to qualified health professionals. The exposure limits given are those of the most limiting component.	'Y'	—	0.1mg/m ³	0.1mg/m ³	Y

Materials are regulated by OSHA 29 CFR 1910.1200, Hazard Communication Standard.

SECTION III PHYSICAL AND CHEMICAL DATA

BOILING POINT N/A	MELTING POINT >800°C	SPECIFIC GRAVITY varies 6-14 g/cm³
VAPOR PRESSURE N/A	PERCENT VOLATILE BY VOL. 0	VAPOR DENSITY N/A
EVAPORATION RATE N/A	SOLUBILITY IN WATER 0	SOLUBILITY IN ALCOHOL 0
SOLUBILITY IN OTHER SOLVENT Will dissolve in strong acids	APPEARANCE AND ODOR Grey or gold appearance (solid metal)	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT N/A	(METHOD USED)	FLAMMABLE LIMITS LEL N/A UEL N/A
EXTINGUISHING MEDIA N/A	SPECIAL FIRE FIGHTING PROCEDURES N/A These materials are not flammable in this product form.	
EXPLOSION POTENTIAL N/A		

SECTION V HEALTH, FIRST AID AND MEDICAL DATA

PRIMARY ROUTE(S) OF ENTRY	ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE	FIRST AID AND MEDICAL INFORMATION
INHALATION During Cutting	Active: Coughing, shortness of breath. Chronic: Affects breathing capacity.	Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.
INGESTION During Cutting	No known adverse effects, but ingestion not recommended.	Obtain medical assistance.
SKIN CONTACT & ABSORPTION During Cutting	Some may experience skin irritation from dust.	Wash affected areas with soap and water. Obtain medical assistance.
EYE During Cutting	Dust may irritate eyes.	Wash with large amounts of water. Obtain first aid and medical assistance.
OTHER POTENTIAL HEALTH RISKS During	Cutting may create elevated sound levels which may affect hearing.	Obtain medical assistance.

SECTION VI CORROSIVITY AND REACTIVITY DATA

STABILITY UNSTABLE STABLE

POLYMERIZATION MAY OCCUR WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID)

NAIF

DECOMPOSITION PRODUCTS

In use, dusts are generated. In most cases, airborne material from material being cut will be significantly greater than from the diamond blade components.

CONDITIONS TO BE AVOIDED

NAIF

SECTION VII STORAGE, HANDLING AND USE PROCEDURES

NORMAL STORAGE AND HANDLING

See ANSI Standard B7.1 Section 2

NORMAL USE

Use product with adequate ventilation. See OSHA 29CFR1910.94 (ventilation) and 29 CFR1910.1000 (air contaminants)

STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS

N/A

WASTE DISPOSAL METHOD

Standard landfill methods consistent with federal, state, and local laws.

SECTION VIII PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) As needed, approved dust respirators. See OSHA 29CFR1910.134

VENTILATION

LOCAL	Recommended
MECHANICAL (GENERAL)	Recommended
OTHER	NAIF

PROTECTIVE GLOVES Recommended

EYE PROTECTION Recommended. See OSHA 29CFR1910.133

OTHER EQUIPMENT Hearing protection. See OSHA 29CFR 1910.215 (hearing protection)

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL

See Sections VII and VIII

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE None

OTHER PRECAUTIONS NAIF

FOR COMPANY USE

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, "Milwaukee Electric Tool Co." makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

** NAIF=NO APPLICABLE INFORMATION FOUND

*** N/A=NOT APPLICABLE