# MATERIAL SAFETY DATA SHEET

## SECTION I  NAME AND PRODUCT

**MANUFACTURER'S NAME**
Milwaukee Electric Tool Corporation

**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

<table>
<thead>
<tr>
<th>CHEMICAL AND COMMON NAME</th>
<th>REG* (Y/N)</th>
<th>CAS #</th>
<th>OSHA PERMISSIVE EXPOSURE LIMIT</th>
<th>ACGIH TLV</th>
<th>CARCINOGEN* (Y/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The composition of this product is considered 'Y'</td>
<td>—</td>
<td>0.1mg/m³</td>
<td>0.1mg/m³</td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>


## SECTION III  PHYSICAL AND CHEMICAL DATA

<table>
<thead>
<tr>
<th>BOILING POINT</th>
<th>MELTING POINT</th>
<th>SPECIFIC GRAVITY</th>
<th>VAPOR PRESSURE</th>
<th>PERCENT VOLATILE BY VOL</th>
<th>VAPOR DENSITY</th>
<th>EVAPORATION RATE</th>
<th>SOLUBILITY IN WATER</th>
<th>SOLUBILITY IN ALCOHOL</th>
<th>APPEARANCE AND ODOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>&gt;800°C</td>
<td>varies 6-14 g/cm³</td>
<td>N/A</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Will dissolve in strong acids</td>
</tr>
</tbody>
</table>

## SECTION IV  FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>FLASH POINT</th>
<th>FLAMMABLE LIMITS</th>
<th>LE LEL</th>
<th>UEL</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(METHOD USED)</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>INHALATION</th>
<th>ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE</th>
<th>FIRST AID AND MEDICAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>During Cutting</td>
<td>Active: Coughing, shortness of breath. Chronic: Affects breathing capacity.</td>
<td>Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INGESTION</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>During Cutting</td>
<td>No known adverse effects, but ingestion not recommended.</td>
<td>Obtain medical assistance.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SKIN CONTACT &amp; ABSORPTION</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>During Cutting</td>
<td>Some may experience skin irritation from dust.</td>
<td>Wash affected areas with soap and water. Obtain medical assistance.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EYE</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>During Cutting</td>
<td>Dust may irritate eyes.</td>
<td>Wash with large amounts of water. Obtain first aid and medical assistance.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OTHER POTENTIAL HEALTH RISKS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>During Cutting</td>
<td>Cutting may create elevated sound levels which may affect hearing.</td>
<td>Obtain medical assistance.</td>
</tr>
</tbody>
</table>
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.