

---

## **ITW DRILLS AND END MILLS**

### **MSDS Number**

BBPRB

### **National Stock Number**

6850-00F004177

### **Product Name**

ITW DRILLS AND END MILLS

### **Manufacturer**

ILLINOIS TOOL WORKS

### **Product Identification**

Product ID:ITW DRILLS AND END MILLS

MSDS Date:01/01/1987

FSC:6850

NIIN:00F004177

MSDS Number: BBPRB

### **Responsible Party**

ILLINOIS TOOL WORKS/PINE BLUFF/AR 71603

Emergency Phone: (501) 536-2233

Cage: 19863

### **Contractor**

ILLINOIS TOOL WORKS/PINE BLUFF/AR 71603

Cage: 19863

### **Ingredients**

TUNGSTEN CARBIDE

CAS: 12070-12-1

RTECS: YO7250000

Fraction By Weight: 97%

OSHA PEL5 MG/M3/10 STEL (W)

ACGIH TLV: 5 MG/M3/10 STEL (W)

COBALT

RTECS: GB8750000

Fraction By Weight: 30%

ACGIH TLV: 0.1 MG/CUM

TANTALUM CARBIDE

Fraction By Weight: 52%

ACGIH TLV: 5 MG/CUM

CHROMIUM CARBIDE

Fraction By Weight: 5.1%

ACGIH TLV: 0.5 MG/CUM

CHROMIUM (SARA III)

CAS: 7440-47-3

RTECS: GB4200000

Fraction By Weight: 4.5%

OSHA PEL1 MG/M3

ACGIH TLV: 0.5 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

## Hazards

Effects of Overexposure: IRRITATION OF THE NOSE/THROAT.  
COUGH/WHEEZING/SHORTNESS OF BREATH/CHEST TIGHTNESS/WEIGHT LOSS.

## First Aid

First Aid: INHALATION: REMOVE FROM EXPOSURE. SKIN: WASH AFFECTED AREA W/SOAP & WATER. EYES: FLUSH W/WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. INGESTION: IF SWALLOWED: DILUTE W/WATER, INDUCE VOMITING . SEEK MEDICAL ATTENTION.

## Fire Fighting

Extinguishing Media: DRY SAND, DRY DOLOMITE, DRY GRAPHITE POWDER.  
Fire Fighting Procedures: USE A RESP APPROVED FOR TOXIC DUSTS/FUMES. USE SCBA.  
Unusual Fire/Explosion Hazard: PRODUCT NOT A FIRE HAZARD DUST IS AN EXPLOSION HAZARD UNDER RARE FAVORING CONDITIONS.

## Accidental Release

Spill Release Procedures: VENTILATE AREA OF SPILL. CLEAN UP USING METHODS WHICH AVOID DUST GENERATION SUCH AS CUUM. WET DUST MOP OR WET CLEAN-UP. IF AIRBORNE DUST IS GENERATED, USE A APPROPRIATE NIOSH APPROVED RESPIRATOR.

## Handling

Handling and Storage Precautions: MAINTAIN GOOD HOUSEKEEPING PROCEDURES TO PREVENT DUST ACCUMULATION DURING GRINDING. AVOID DUST INHALATION AND DIRECT SKIN CONTACT WITH DUST.  
Other Precautions: WASH HANDS THOROUGHLY AFTER HANDLING BEFORE EATING OR SMOKING. WASH EXPOSED SKIN AT THE END OF WORK SHIFT. DON'T SHAKE CLOTHG/RAGS OR OTHER ITEMS TO REMOVE DUST.

## Exposure Controls

Respiratory Protection: NIOSH APPROVED RESP IF AIRBORNE DUST CONC. EXCEED BELOW TLV  
Ventilation: PROVIDE LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV  
Protective Gloves: BARRIER CREAM  
Eye Protection: SAFETY GLASSES/GOGGLES  
Supplemental Safety and Health  
MSDS DATE: APRIL 1936.

## Chemical Properties

Spec Gravity: 15.5  
Solubility in Water: INSOLUBLE  
Appearance and Odor: DARY GRAY METAL/NO ODOR.  
Percent Volatiles by Volume: 0

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZERS/STRONG ACIDS \_  
Hazardous Decomposition Products: NONE

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPROPRIATE GOVERNMENTAL REGULATIONS. MAY BE SOLD AS SCRAP FOR RECLAIM.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.