

Section V – Fire and Explosion Hazard Data

Flash Point: N/A **Test Method Used:** -- -- **Flammable Limits:** N/A **LEL:** -- -- **UEL:** -- --
Hard Cemented Carbide Product is not a fire hazard. Dusts generated in grinding operations may ignite if allowed to accumulate and subjected to an ignition source.
Extinguishing Media: For powder fires smother with dry sand, dry dolomite, ABC type fire extinguisher, or flood with water.
Special Fire Fighting Procedures: For a powder fire confined to a small area, use a respirator approved for toxic dusts and fumes. For a large fire, fire fighters should use self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Dusts may present a fire or explosion hazard under rare favoring conditions of particle size, dispersion and strong ignition source. However, this is not expected to be a problem under normal handling conditions.

NFPA 704 SYSTEM OF IDENTIFICATION

The following information is provided to you in order to enable a fire fighter to determine what he must do in order to protect himself from injury while fighting a fire in an area containing the products described in this MSDS. It is not intended to provide full protective information for normal users of these products. Such protective information is more fully set out elsewhere in this MSGS and should be read carefully.

Health Hazard ----- rating 3
Flammability Hazard ----- rating 0
Reactivity Hazard ----- rating 0

Section VI – Reactivity Data

Stability: Unstable: _____
Stable: X

Conditions to Avoid: N/A

Incompatibility: Contact of dust with strong oxidizers cause fire or explosion.

Materials to Avoid: Strong Acids

Hazardous Decomposition Products:

None

Hazardous Polymerization: May Occur: _____
Will Not Occur: X

Conditions to Avoid: N/A

Section VII – Spill or Leak Procedures

Steps to be taken in Case Material is released or spilled: Ventilate area of spill. Clean up, using methods to avoid dust generation, such as vacuum (with appropriate filter to prevent airborne dust levels which exceed the PEL or TLV), wet dust mop or wet clean up. If airborne dust is generated, use an appropriate NIOSH approved respirator.

Waste Disposal Method: Dispose of in accordance with appropriate government regulations. May be sold as scrap for reclaim.

Section VIII – Special Protection Information

Respiratory Protection: Use an appropriate NIOSH approved respirator if airborne dust concentration exceeds the appropriate PEL or TLV. All appropriate requirements set forth in 29 CFR 1910.134 should be met.

Ventilation: Use local exhaust ventilation that is adequate to limit personal exposure to airborne dust to levels that do not exceed the PEL or TLV. If such equipment is not available, use respirators as specified above.

Protective Gloves: Protective Gloves or Barrier cream are recommended when contact with dust or mist is likely. Prior to applying the Barrier cream or use of protective gloves, wash thoroughly.

Eye Protection: Safety glasses with side shields or goggles should be worn.

Other Protective Equipment: Make sure tool is properly seated and safely clamped or held in place according to approved procedures. Always use machine guards and wear safety glasses and protective clothing to prevent injury in the event of tool breakage.

Section IX – Special Precautions

Precautions to be Taken in Handling and Storage: Maintain good housekeeping procedures to prevent dust accumulation during grinding. Avoid dust inhalation and direct skin contact with dust.

Do not strike or impact product with hardened steel hammer or similar device because of possible fracture/shattering of product. Product should be pressed if inserted into another metal part or product.

Other Precautions: Clean up, using methods to avoid dust generation such as vacuum (with appropriate filter to prevent airborne dust levels which exceed the PEL or TLV), wet dust mop or wet clean up. If airborne dust is generated, use an appropriate NIOSH approved respirator.

Wash hands thoroughly after handling and before eating or smoking. Wash exposed skin at the end of the work shift. Do not shake clothing, rags or other items to remove dust. Dust should be removed by washing or vacuuming (with appropriate filters) the clothing, rags, or other items.

Periodic medical examinations are recommended for individuals regularly exposed to dust or mist.

In case of questions please call:

Carbide Tools For Industry Inc.
714-547-7391

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