

# SAFETY DATA SHEET

## 1. IDENTIFICATION

- 1.1 Products: Offset Grinding wheel  
1.2 Product model: 4"(100m/m) x 1/4" x 5/8"  
1.3 Product code: 714370  
1.4 Date prepared: June 15, 2016

## 2. HAZARDS IDENTIFICATION

Wear respirator, eye protection and protective clothing when using product.  
Product will produce sparks and debris when in use, never use this product near reactive or flammable substances.  
Never use product if it comes in contact with water.



Carcinogen Category 2  
WARNING! Suspected of causing cancer if inhaled

### Supplemental labeling:

Prolonged exposure to elevated noise levels during operations may affect hearing. A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being ground. Most of the dust generated during grinding is from the base material being ground and the potential hazard from this exposure must be evaluated. This dust may present a fire or dust explosion hazard and may present a serious health hazard.

## 3. INGREDIENTS & CHEMICAL IDENTITY(COMMON NAME):

| Chemical name                           | CAS#       | OSHA PEL             | ACGIH TLV             | OTHER LIMITS | %    |
|---|------------|----------------------|-----------------------|--------------|------|
| Aluminum Oxide(Alumina)                 | 1344-28-1  | 15 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup>  | NONE         | +50% |
| Silicon Carbide(Crystolon)              | 409-21-2   | NONE                 | 10 mg/m <sup>3</sup>  | NONE         | +50% |
| Phenol Formaldehyde<br>(Phenolic Resin) | N/A        | NONE                 | 5 PPM                 | NONE         | +6%  |
| Silicate(Wollasonite)                   | 1344-95-2  | NONE                 | NONE                  | NONE         | +1%  |
| Sodium Fluoaluminate(Cryolite)          | 15096-52-3 | 2.5mg/m <sup>3</sup> | 2.5 mg/m <sup>3</sup> | NONE         | +1%  |
| Iron Oxide                              |            | 10mg/m <sup>3</sup>  | 5 mg/m <sup>3</sup>   | NONE         | +1%  |
| Fiberoous Glass(Fibreglass)             | N/A        | NONE                 | 10 mg/m <sup>3</sup>  | NONE         | +1%  |

## 4. FIRST AID MEASURES

**Ingestion:** If grinding dust is swallowed, seek medical attention.

**Inhalation:** If overexposed to grinding dust, remove victim to fresh air and get medical attention.

**Eye Contact:** Flush eyes thoroughly with water, holding open eyelids. Get medical attention if irritation persists. Obtain immediate medical attention for foreign body in the eye.

**Skin Contact:** Wash dust from skin with soap and water. Launder contaminated clothing before reuse.

## 5. FIRE & EXPLOSION HAZARD DATA

Flash Point(Method Used): N/A

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Extinguisher/Water

Unusual Fire or Does Not

Explosion Hazards: Burn or Explode

Special Fire Fighting Precautions: None

## 6. ACCIDENTIAL RELEASE MEASURES

Pick up, sweep up or vacuum and place in a container for disposal. Minimize generation of dust. Notify authorities as

required by local, state and federal regulations.

## 7. HANDLING AND STORAGE

**Normal Storage and Handling:** See ANSI Standard B7.1

**Normal Use:** Handle with Adequate Ventilation. See OSHA 29CFR 1910.94(Ventilation) and 29CFR 1910.1000(Air Contaminates)

Steps to be taken in

**Case of Leaks or Spills:** Ventilate Area. Normal Clean-up Procedures

**Waste Disposal Method:** Dispose-of in a-secured Sanitary Landfill Consistent with Applicable Federal, State and Local Laws and Regulations

**Special Precautions to be taken in Handling and Storage:** Store in Dry Area, Away from Heat Source. Ideal Storage Temperature 65-70°F(18-24°C), 50-60% RM

## 8. PERSONAL PROTECTION INFORMATION

**Respiratory Protection:** Specify Type, as needed. For Approved Dust Respirators, See OSHA 29CFR 1910.134

**Ventilation:**

**Mechanical(General):** Required to Keep Dust Levels Below Permissible Exposure Limits

**Local Exhaust:** Required to Keep Dust Levels Below Permissible Exposure Limits

**Protective Gloves:** As Desired by the User

**Eye Protection:** Recommended-See ISHA 29CFR 1910.133 and ANSI Z87.1

**Other Equipment:** Hearing Protection, as needed. OSHA 29CFR 1910.95

## 9. PHYSICAL AND CHEMICAL DATA

**Boiling Point:** N/A

**Specific Gravity(H<sub>2</sub>O = 1):** 2-4

**Vapor Pressure:** N/A

**Melting Point:** N/A

**Vapor Density: (Air = 1)** N/A

**Evaporation Rate:** Not Applicable

**Solubility in Water:** Slight

**Appearance and Odor:** Various Colors. May Give-off Odor in Use

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Material to Avoid:** Avoid Strong Acids and Bases

**Hazardous Decomposition or By Products:** Dust Generated when in Use

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**HEALTH HAZARD DATA-(Signs & Symptoms During Grinding):**

**Inhalation, Acute:** Dust Inhalation may cause Coughing, Shortness of Breath or Irritation

**Inhalation, Chronic:** Dust Inhalation may affect Breathing Capacity

**Ingestion:** No know Adverse Effects, but, Ingestion Not Recommended

**Skin:** Not Absorbed through Skin. Dust may cause Irritation/Rash to Some

**Eye:** Dust may Irritate Eyes. Wash with Large Amounts of Water

**Other Potential Risks:** Grinding May Create Elevated Sound Levels, Which May Affect Hearing and May Aggravate Pre-existing Respiratory Condition

**Emergency and First Aid Procedures:** Inhalation, Remove to Fresh Air. Apply Artificial Respiration. Obtain First Aid and Seek Medical Assistance, if needed. There is a Limited Information that Crystalline Silica is a Carcinogen

## 12. ECOLOGICAL INFORMATION

Not available

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable local, state/provincial and federal regulations.

## 14. TRANSPORT INFORMATION

**DOT Hazardous Materials Description:**

Proper Shipping Name: Not Regulated

UN Number: None Hazard Class/Packing Group: None  
Labels Required: None

## **15. OTHER INFORMATION**

**Date SDS prepared:** New SDS

**Date Revision:** Mar. 10th, 2016

**For customer's required item:** #714370 4"(100m/m) x 1/4" x 5/8"