

DATE: 4-23-04

# MATERIAL SAFETY DATA SHEET

PAGE 1 OF 4

**MANUFACTURER:**

**PIONEER POWDER  
9240 W BELMONT AVE  
FRANKLIN PARK,IL. 60131**

**EMERGENCY PHONE**

**1-800-424-9300**

**INFORMATION PHONE**

**1-847-671-1100**

## SECTION I - PRODUCT IDENTIFICATION

<b>PRODUCT NUMBER:</b>	<b>UY03-8D8-M</b>	<b>HMIS: 1-1-O-E</b>
<b>PRODUCT NAME:</b>	<b>ZINC GOLD METALLIC POLYURETHANE</b>	
<b>CHEMICAL NAME:</b>	<b>POWDER COATING</b>	
<b>CHEMICAL FAMILY:</b>	<b>DRY PAINT</b>	

## SECTION II - HAZARDOUS INGREDIENTS

<b>INGREDIENT DESCRIPTION</b>	<b>CAS NUMBER</b>	<b>WEIGHT PERCENT</b>	<b>TLV</b>	<b>PEL</b>	<b>OTHER EXPOSURE LIMITS</b>
<b>NUISANCE PARTICULATES</b>	<b>N/A</b>		<b>10 MG/M3 TOTAL DUST</b>	<b>15MG/M3 TOTAL DUST</b>	

**This product is a dry,finely ground organic powder and should be treated/handled as a nuisance particulate.This product contains no chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act.**

## SECTION III - PHYSICAL DATA

<b>BOILING POINT</b>	<b>VAPOR DENSITY</b>	<b>WATER SOLUBILITY</b>	<b>APPEARANCE AND ODOR</b>	<b>SPECIFIC GRAVITY</b>	<b>EVAPORATION RATE</b>
<b>N/A</b>	<b>N/A</b>	<b>NEGLIGIBLE</b>	<b>DRY POWDER</b>	<b>1.39 +/- .05</b>	<b>N/A</b>

DATE: 4-23-04

## MATERIAL SAFETY DATA SHEET

PAGE 2 OF 4

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY CLASSIFICATION [DOT]:** POWDER COATING

**FLASH POINT:**N/A                      **LEL:**N/A                      **UEL:**N/A

**EXTINGUISHING MEDIA:** Water fog,foam,CO2,dry chemical.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

**Suspended dust is combustible and possesses a fire and explosion hazard.Keep containers closed when not in use.Isolate from heat, electrical equipment,sparks and open flame.**

**SPECIAL FIREFIGHTING PROCEDURES:**

**Firefighters should wear self contained breathing apparatus and full protective equipment.Avoid dispersing dust to prevent further fire or explosion hazard. Water spray may be ineffective.If water is used,fog nozzles are preferable.**

### SECTION V - HEALTH HAZARD DATA

**EFFECTS OF OVEREXPOSURE:**

**Eye irritation,skin contact may cause minor irritation. Skin absorption is considered unlikely in normal use. No adverse health effects due to skin absorption have been reported.Excessive inhalation of dust can cause respiratory irritation. Ingestion may cause gastrointestinal irritation.**

**PRIMARY ROUTES OF ENTRY:** Dermal,inhalation,insertion

**EMERGENCY AND FIRST AID PROCEDURES:**

**Eye contact** Flush immediately with large amounts of water,lifting upper and lower lids occasionally.Continue for at least 15 minutes.Get medical attention.

**Skin contact** Wash effected areas with soap and water.Remove contaminated clothing.Get medical attention.

**Inhalation** Remove to fresh air.Restore breathing.Treat symptomatically. Consult a physician.

### SECTION VI - REACTIVITY DATA

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may yield carbon monoxide,aldehydes,and carboxylic acids.

**CONDITIONS TO AVOID:** Extreme harsh temperatures.

**INCOMPATIBILITY { MATERIALS TO AVOID } :** Strong acids and strong oxidizing agents.

**DATE: 4-23-04**

## **MATERIAL SAFETY DATA SHEET**

**PAGE 3 OF 4**

### **SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

**Remove all sources of ignition including flames and sources of sparks. Avoid breathing dust. Ventilate area. Remove spilled or accumulated dust immediately with vacuum equipment approved for use in hazardous locations. If sweeping, use compound and moisture to reduce dust. Use NIOSH approved mechanical filter respirator.**

**WASTE DISPOSAL:**

**Dispose of in accordance with local, state, and federal regulation.**

### **SECTION VIII - SAFE HANDLING AND USE INFORMATION**

**RESPIRATORY PROTECTION:**

**Use properly fitted NIOSH/MSHA approved respirator to avoid breathing dust and fumes. Follow manufacturer's directions for respirator use. In areas where both dust and vapors are present, a vapor particulate cartridge is recommended. In confined areas, use NIOSH/MSHA approved air supplied respirator. Refer to OSHA DFR 1910.134 "Respiratory Protection"**

**PROTECTIVE GLOVES:**

**Use Viton, Polyethylene, or Neoprene gloves to prevent skin contact and absorption of this material through the skin for prolonged and repeated contact.**

**VENTILATION;**

**Sufficient ventilation in volume and pattern should be provided to keep the air contaminant concentration below current applicable OSHA permissible exposure limit or ACGH's TLV limit. Fumes emitted when baking this product must be vented.**

**EYE PROTECTION;**

**Safety eyewear including splash guards or sideshields, chemical goggles or faceshields are recommended.**

**OTHER PROTECTIVE EQUIPMENT;**

**Prevent prolonged skin contact with contaminated clothing before reuse.**

**HYGIENIC PRACTICES;**

**Wash hands after using, and before eating or smoking. Smoke only in designated smoking areas.**

**DATE: 4-23-04**

**MATERIAL SAFETY DATA SHEET**

**PAGE 4 OF 4**

**SECTION IX-SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

**Do not store above 80 degrees Fahrenheit. Keep away from heat, sparks, and flame. Avoid setting dust into air. Avoid skin contact. Avoid inhalation. Keep containers tightly closed when not in use. Stock rotation of this material is very important. Material should be used within a six month period.**

**OTHER PRECAUTIONS:**

**Do not take internally. Close container after each use. Avoid contact with or breathing of any dust overspray during application. Keep out of reach of children. Emptied container may retain residue. Follow all hazard precautions given in this data until container is thoroughly cleaned or destroyed.**

**DISCLAIMER**

**We do not warrant this product suitable for any particular use. We do not accept any responsibility for injury or damage that may result from its use. The user is advised to test this product to asses its suitability for this purpose before using it. There is no warranty which extends beyond the description on the face hereof. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and local laws and regulations.**