

# MATERIAL SAFETY DATA SHEET

## Section 1

### Product Identification

Product Name: **Powdr<sub>2</sub>O™**

Date Prepared: 2/6/2006

Part Number: PE

Update:

Formula:

### Manufacturer / Supplier:

Tech line Coatings, Inc  
26844 ADAMS AVE.  
MURRIETA, CA 92562  
USA  
Phone 972-775-6130  
Fax 951-461-9658  
www.techlinecoatings.com

Chemical Family: Liqui-Powdr

### Emergency Phone:

Chemtrec  
1-800-424-9300  
1-703-527-3887

## Section 2

### Composition / Data On Components

Component	CAS#	% of Weight	OSHA PEL	ACGIH TLV	Sara 313
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Ingredients not precisely identified in this section are proprietary or non-hazardous

## Section 3

### Hazards Identification

Appearance and Odor: Gray liquid with minimal odor

### Hazard Description:

**Note this product contains powder-coating powder, and so the following warning applies to material that has dried:**

Powder coatings consist of finely ground organic material that falls into the category of "particulates otherwise not regulated" which have a TWA of 15 mg/m<sup>3</sup> (total dust) and a TWA of 5 mg/m<sup>3</sup> (respirable dust). This applies to the product even when no other hazardous ingredients appear in section 2. The curing of powder coatings may give off vapors that are hazardous.

## Section 4

### First Aid Measures

#### After EYE Contact:

Immediately flush with plenty of water for at least 15 minutes. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel

**After SKIN Contact:** Wash material off the skin with plenty of soap and water. If redness, itching or a burning sensation develops, seek medical attention. For thermal burns, cool quickly with water and get medical attention. Do not peel off solidified material. Remove contaminated clothing without delay. Do not reuse clothing without laundering.

#### After INHALATION:

Remove victim to fresh air. If cough or other respiratory symptoms develop, consult medical personnel. Administer oxygen if there is difficulty in breathing. Obtain medical attention immediately if necessary.

#### After SWALLOWING:

Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person)

## Section 5

### Fire Fighting Measures

Flash Point: N/A

Flammable Limits LEL-:

Method:

Airborne dust 32 g/m<sup>3</sup>

Flammable Limits UEL-:

N/A

Stability: See Section 10

Stable under normal conditions

### Extinguishing Media:

Water, fog, foam, carbon dioxide, dry chemical, halogenated agents

### Special Fire Fighting Procedures:

Self-contained breathing apparatus with full face piece and protective clothing

### Unusual Fire And Explosion Hazards:

Product will burn. Dry dust is ignitable but does not ignite readily unless suspended in air. Dry finely divided powders are potentially explosive when suspended in air. Isolate from

heat, sparks, electrical equipment, and open flames.

## **Section 6**

### **Accidental Release Measures**

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#### **Steps to be taken in case material is released or spilled:**

- Remove sources of ignition.
- Warn other workers of spill.
- Wear protective equipment
  - NIOSH Approved Respirator
  - Gloves
  - Safety Glasses
- Do not allow material to be released into the environment without proper governmental permits

**Measures for cleaning / collecting:** Wear skin, respiratory and eye protection during clean-up. Sweep up and recover or mix material with moist absorbent and shovel into waste container

#### **Additional Information:**

- See Section 7 for safe handling information.
- See Section 8 for PPE information
- See Section 13 for disposal information

## **Section 7**

### **Handling and Storage**

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**Handling:** Wear skin, respiratory and eye protection

**Storage:** Do not allow to freeze. Keep containers tightly sealed

## **Section 8**

### **Exposure Controls and Personal Protection**

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**Engineering Controls:** Exhaust ventilation. Showers, Eyewash stations

**Respiratory Protection:** Use NIOSH approved respirator if TWA/TLV limits are exceeded

**Protective Gloves:** Impervious gloves.

**Eye Protection:** Safety glasses with side shields

**Other Protective Equipment:** Impervious apron.

**Ventilation:** Local Exhaust: use to maintain below TWA limits, properly vented oven

**Mechanical:** Use Non-Sparking Equipment

**Work / Hygienic Practices:** wash thoroughly after handling product and before eating, drinking or smoking

**Protective Measures:** This product contains caprolactum. If overexposure to caprolactum vapors or aerosols occurs from curing this product in a poorly vented oven, transient irritation to the mucous membranes of the eyes, nose, throat, and / or upper respiratory tract can occur. The OSHA PEL for exposure to caprolactum vapor is 20 mg/m<sup>3</sup>.

## **Section 9**

### **Physical And Chemical Properties**

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**Appearance and Odor:** Various color liquid with minimal to no odor

**Boiling Point:** 212°

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

**Vapor Pressure:**

**Solubility in Water:** Appreciable

**Reactivity in Water:** None

**VOC's:** 0

## **SECTION 10**

### **STABILITY AND REACTIVITY**

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**Stability:** Stable under normal conditions

**Hazardous Decomposition Products:** Oxides of Carbon, and in some cases, to a much lesser extent, oxides of nitrogen at temperatures of 800°c.

**Hazardous Polymerization:** Will not occur

## **Section 11**

### **Toxicological Information**

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**Effects from Inhalation:** Careless handling of fine powders can create dust clouds which may be inhaled, as with all powders care must be taken when handling.

## **Section 12**

### **Ecological Information**

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**General Comments:** Do not allow material to be released into the environment without proper governmental permits

### **Section 13**

#### **Disposal Considerations**

**Waste Disposal Method:** Discarded product is not a hazardous waste under RCRA, 40 CFR 261. Empty container retains product residue. Observe all precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue and puncture or otherwise destroy empty container before disposal. Disposal should be made in accordance with federal, state and local regulations.

### **Section 14**

#### **Transportation Information**

**Shipping:** Not Regulated

**DOT Shipping Name:** Not Regulated

**Air (IATA):** Not Regulated

**Sea (IMDG):** Not Regulated

### **Section 15**

#### **Regulations**

##### **Information about Limitation or Use:**

##### **Other Regulations, Limitations, and Prohibitive Regulations:**

**TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:** All ingredients are on the TSCA Chemical Substance Inventory or are not required to be listed on the TSCA Inventory.

**WHMIS Classification:** Aluminum oxide 1344-28-1

**SARA 313 Regulations:** 1-Methyl-2-pyrrolidone (NMP) 872-50-4

Aluminum oxide 1344-28-1

Aluminum 7429-90-5

**California Prop 65:** 1-Methyl-2-pyrrolidone (NMP) 872-50-

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**MASS RTK Substances:** Aluminum oxide 1344-28-1

Aluminum 7429-90-5

Caprolactam 105-60-2

##### **Rhode Island Hazardous Substances:**

Aluminum oxide 1344-28-1 Flammable, Toxic

Aluminum 7429-90-5 Flammable, Toxic

Caprolactam 105-60-2 Toxic

Oleic Acid 112-80-1 Flammable

### **Section 16**

#### **Other Information**

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