



## MATERIAL SAFETY DATA SHEET

### SECTION I - MANUFACTURERS INFORMATION

**PRODUCT NAME: AH-901 ACRYLIC CATALYST**

MSDS PREPARATION DATE: 10-4-2009

MANUFACTURER: CPS COATINGS, INC.

624 AIRPORT DR. SHREVEPORT, LA 71107

PRODUCT INFORMATION TELEPHONE: (318) 222-6100

EMERGENCY TELEPHONE: 1-800-424-9300

While we believe that the data herein is accurate & derived from quality sources, this data is not to be taken as a warrantee or product liability. It is offered solely for your consideration and personal protection.

### SECTION II - HAZARDOUS INGREDIENTS

| Ingredients                                   | CAS Number | VAPOR PRESSURE<br>mm HG @ TEMP | WEIGHT PERCENT |
|---|------------|--------------------------------|----------------|
| *N-BUTYL ACETATE                              | 123-86-4   | 7.8 mm Hg @68F                 | 12.5%          |
| *XYLENE                                       | 1330-20-7  | 9.5 mm Hg @68F                 | 12.5%          |
| *Homopolymer of<br>Hexamethylene Diisocyanate | 28182-81-2 | N/A                            | 75%            |
| *Hexamethylene -1, 6-Diisocyanate             | 822-06-0   | N/A                            | <0.6%          |

\* Indicates toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

### SECTION III - PHYSICAL DATA

|   |  |
|---|--|
| Boiling Point: 112° F                   | Vapor Pressure (mmHg): @68° F. 9.0                     |
| Vapor Density (Air=1): Heavier than air | Melting Point (°C): N/A                                |
| Specific Gravity: 1.01                  | Solubility in Water- Reacts slowly to liberate CO2 Gas |
| Evaporation Rate: Slower than Ether     | Appearance and Odor: Clear- Mild                       |
| V O C – .265 LBS/GAL. PER PINT          | Weight Solids: 75%                                     |

### SECTION IV - FIRE AND EXPLOSION DATA

**Flash Point (Method Used):** T.C.C. 45 °F.

**Flammable Explosion:** LEL = 1% UEL = 7%

**Extinguishing Media:** (1) Dry Chemical. (2) CO2. (3) Foam

**Special Fire Fighting Procedures:** Dry Chemical, Carbon Dioxide, Water Spray or Regular Foam. Full protective equipment including self-contained breathing apparatus should be used. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up due to extreme heat. **Caution:** A straight stream of water will spread fire.

**Unusual Fire and Explosion Hazards:** Vapor accumulation will flash and/or explode, if ignited. Containers may burst explosively if overheated in fire. Cool with water spray or fog. Empty containers also present fire explosion hazard due to residual vapors. Keep containers tightly closed. During emergency situations, over-exposure to decomposition products may cause a health hazard with no symptoms immediately apparent. Obtain medical attention.

## SECTION V - HEALTH HAZARD DATA

### EFFECTS OF OVEREXPOSURE:

**ACUTE:** Inhalation - Anesthetic. Irritation or respiratory tract of acute nervous system depression. Overexposure may result in headaches and nausea possibly followed by loss or consciousness. Ingestion Gastrointestinal irritation including vomiting can occur. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal. Skin contact may result in irritation and absorption through Skin. Eye contact will irritate.

**CHRONIC:** Some reports have associated repeated. Prolonged overexposure to solvents with permanent central nervous system changes. Misuse by concentrating and inhaling the contents may be harmful or fatal. See Target Organ Effect Sheet for further information about effects of overexposure and medical conditions generally aggravated by exposure. The Target Organ Effects Sheet is an integral part of this Material Safety Data Sheet; any duplication of the MSDS must include it.

**SKIN CONTACT:** Prolonged contact with the isocyanate can cause reddening, swelling, rash, scaling or blistering. In those who have developed a skin sensitization. These symptoms can develop as a result of contact with very small amounts of liquid material or even as a result of vapor only exposure. Chronic skin exposure to solvents may cause effects similar to those identified under chronic inhalation effects.

**EXPOSURE LIMITS:** The Mobay Guideline level of 0.5 mg/M<sup>3</sup>- TWA and 1.0 mg/M<sup>3</sup> - STEL for Homopolymer of HDI and 0.20 ppm ceiling for HDI monomer are internal guides based on limited data. They are provided as guides pending the review of future data.

California Proposition 65 requires that warnings be given regarding exposures to chemicals listed by the State as being known to cause cancer, birth defects or other reproductive harm. This product is not intentionally formulated with chemicals that are listed by California as causing the above effects. However we are informed by the suppliers of some chemical ingredients used in this product that they may contain trace, but detectable levels of some listed chemicals as impurities. Therefore trace, but detectable, levels of listed chemicals may be present in this product.

### EMERGENCY & FIRST AID PROCEDURES:

**Vapor Inhalation** - Restore breathing. Remove to fresh air. Keep warm and quiet. Notify a physician.

**Eye Contact** - Flush IMMEDIATELY with copious amounts of running water for at least 15 minutes. Take to physician for definitive medical treatment.

**Skin Contact** - Clean and wash affected area with water. Consult a physician.

**Ingestion** - DO NOT INDUCE VOMITING! Call physician immediately!

**TOXICITY:** Slightly Toxic by ingestion.

## SECTION VI - REACTIVITY DATA

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Heat, open flames, electrical and static discharge.

**INCOMPATIBILITY** (materials to avoid): Strong acid, alkalis, and oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Unknown other than CO<sub>2</sub> and possible CO and Carbon smoke.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION VII - SPILL OR LEAK PROCEDURES

**STEPS IF SPILLED:** Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors, Confine spill with inert absorbent and clean up with spark-proof tools.

**WASTE DISPOSAL-** Dispose of in accordance with local, state, and Federal regulations. Land fill or incinerate in approved facility by licensed contractor.

Do not incinerate in closed container.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA TC23C Chemical / Mechanical type filter system to remove a combination of particles. Gas & vapors. Use an air supplied respirator if necessary.

**VENTILATION:** Use adequate ventilation in volume and pattern to keep TLV's and PEL's (Section II) below recommended levels. And flammable limits in air (Section IV) below the level necessary to produce explosion of fire. General mechanical ventilation should comply with OSHA 1910.94.

**PROTECTIVE GLOVES.** To prevent prolonged exposure, use rubber gloves. Solvents may be absorbed through the skin.

**EYE PROTECTION:** Safety glasses or goggles with splash guards or side shields.

**OTHER PROTECTIVE EQUIPMENT:** Prevent prolonged skin contact to contaminated clothing.

## SECTION IX - SPECIAL PRECAUTIONS

**HANDLING PRECAUTIONS;** Do not store over 120°F. Avoid spillage and/or the creation of airborne aluminum dust. When storing large quantities, store in building designed and protected against flammable liquids. Use static lines when mixing and transferring material. Do not allow material to free rag more than five (5) inches.

**OTHER PRECAUTIONS:** FOR INDUSTRIAL USE ONLY. DO NOT TAKE INTERNALLY, IF INGESTED, DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN.

DO NOT FLAME CUT, WELD, OR BRAZE ON COATED MATERIAL WITHOUT NIOSA / MSHA TC23C RESPIRATOR

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