



## MATERIAL SAFETY DATA SHEET

### SECTION I - MANUFACTURERS INFORMATION

**PRODUCT NAME:** ADG Series High Solids Polyurethane Topcoat  
**MSDS PREPARATION DATE:** 2.2.2012  
**MANUFACTURER:** CPS COATINGS, INC.  
624 AIRPORT DR. SHREVEPORT, LA 71107  
**PRODUCT INFORMATION:** (318) 222-6100  
**EMERGENCY TELEPHONE (CHEMTREC):** 800-424-9300 (CCN16851)

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 mm HG @ TEMP	Weight Percent
* Methyl AMYL Ketone	110-43-0	16mm Hg@68°F	10-15%
* Xylene	1330-20-7	9.5mm Hg@68°F	5-10%
* EB Acetate	112-07-2	.29mm Hg@68°F	1-5%
* Methyl Isobutyl Ketone	108-10-1	3.7mm Hg@68°F	1-5%
* N-Butyl Acetate	123-86-4	7.8mm Hg@68°F	1-5%

\* 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: 241° F.  
Vapor Density (Air=1): Heavier than air  
Specific Gravity: 1.26  
Evaporation Rate: Slower than Ether  
V.O.C.: 3.0 - 3.8 lbs/gal.

Vapor Pressure (mmHg): @ 77°F= 23.0  
Melting Point (°C): N/A  
Solubility in Water: none  
Appearance and Odor: All Colors – Mild  
Weight Solids: 55-68 %

### SECTION IV - FIRE AND EXPLOSION DATA

**Flash Point (Method Used):** Setaflash, 80°F

Flammable Explosion: LEL = 1.0% UEL = 8.2%

**Extinguishing Media:** (1) Dry Chemical, (2) CO<sub>2</sub>, (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 dosed containers to prevent pressure buildup 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 dosed. 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

Primary routes of entry: Inhalation, Ingestion, Skin Contact, Eye Contact

EFFECTS OF OVEREXPOSURE:

**ACUTE:**

**Inhalation** - Anesthetic. Irritation of respiratory tract or acute nervous system depression. Overexposure may result in headaches and nausea possibly followed by loss of consciousness.

**Ingestion:** Gastrointestinal irritation including vomiting can occur. Aspiration of material into lungs may result in chemical pneumonitis, which can be fatal.

**Skin contact:** Liquids can be absorbed through the skin resulting in symptoms similar to the inhalation effects above.

**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.

**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, the suppliers of some chemical ingredients used in this product inform us 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 added area with water. Consult a physician.

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

## 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>, possible CO, Carbon smoke, and Isocyanate Vapors.

**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

### Precautions to be taken in handling and storing:

Observe label precautions. Keep away from heat, sparks and flame. Close container after each use. Ground containers when pouring. Wash all exposed areas thoroughly after handling and before eating or smoking. Do not store above 120°F.

### Other Precautions:

Do not sand, flame cut, braze or weld dry coating without a NIOSH/MSHA approved respirator or appropriate ventilation.

### **'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.

### **DISCLAIMER:**

#### **WARNING: KEEP THIS AND ALL PAINT RELATED PRODUCTS OUT OF THE REACH OF CHILDREN!**

The information contained in this MSDS is based on data from sources considered to be reliable but we do not guarantee the accuracy or completeness thereof. We urge each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire prevention as necessary or appropriate to use and understand the data in this MSDS

**Note:** The data on this MSDS relates only to individual components and does not represent the end mixed product.

Health: - **2**

Flammability: - **3**

Reactivity: - **0**

## SECTION X – TRANSPORTATION INFORMATION

**DOT SHIPPING NAME:** PAINT

**HAZARD CLASS:** 3

**UN NUMBER:** UN1263

**PACKING GROUP:** II (2)