

## Material Safety Data Sheet

**Identity** - A WATERBASED LIQUID ADHESIVE

**Product #**  
Fan Apart

### \*Section 1: Chemical Product and Company Identification

**Manufacturer's name:**  
HAR Adhesive Technologies

**Emergency Telephone Number:**  
Chem Trec 800-424-9300

**Address:**  
60 South Park Avenue Bedford, Ohio 44146

**Date Prepared:**  
2/14/2013

**Signature of Preparer**  
Department of Health and Safety

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for any additional exposure limit guidelines.

| <u>Chemical Name</u> | <u>CAS #</u> | <u>PERCENT</u> | <u>OSHA PEL</u> |
|----------------------|--------------|----------------|-----------------|
| Titanium Dioxide     | 13463-67-7   | 18%            | 10 mg/M3        |
| Diatomaceous Earth   | 061790-53-2  | 10%            | 10 mg/M3        |
| Calcium Carbonate    | 471-34-1     | 6%             | 10 mg/M3        |
| Ethlene Glycol       | 107-21-1     | <2%            | 100 mg/m3       |

### SECTION 3: HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

HMIS RATING: HEALTH -- 0 FLAMMABILITY -- 0 REACTIVITY -- 0  
See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

#### POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: Irritation may occur as a result of spraying or sanding dust.  
SKIN: No irritation hazard in normal industrial use.  
INHALATION: Irritation of upper respiratory system may occur especially from sanding or spraying.  
INGESTION: Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.

#### LONG-TERM (CHRONIC) HEALTH EFFECTS

TARGET ORGAN(S): No organs known to be damaged from exposure to this product.

REGULATED CARCINOGEN STATUS: Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGI OSHA listed carcinogens.

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: No medical conditions affected by exposure.

#### **SECTION 4: FIRST AID MEASURES**

IF IN EYES: None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

IF ON SKIN: Wash with soap and water.

IF VAPORS INHALED: Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

#### **SECTION 5: FIRE FIGHTING MEASURES**

FLASH POINT: Non flammable

AUTOIGNITION TEMPERATURE: Not established

LOWER EXPLOSIVE LIMIT (% in air): Not established

UPPER EXPLOSIVE LIMIT (% in air): Not established

EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Persons exposed to products of combustion should wear selfcontained breathing apparatus and full protective equipment.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

SPECIAL PROTECTION: No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.

CLEAN-UP: Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

## **SECTION 7: HANDLING AND STORAGE**

Handling: No special handling instructions due to toxicity.

Storage: Store in a cool, dry place.

Consult the Technical Data Sheet for specific storage instructions.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE PROTECTION: Wear safety glasses when handling this product.

SKIN PROTECTION: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

GLOVES: Not normally required. Use nitrile gloves if conditions warrant.

RESPIRATORY PROTECTION: Use NIOSH approved respirator or mask specified for protection against paint spray mist and sanding dust in restricted or confined areas.

VENTILATION: Use with adequate ventilation. General exhaust is acceptable if working area maintained below T.L.V. and OSHA standards

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                                  |                              |
|----------------------------------|------------------------------|
| PHYSICAL STATE:                  | Liquid                       |
| COLOR:                           | White                        |
| ODOR:                            | Typical Latex Paint          |
| ODOR THRESHOLD:                  | Not established              |
| WEIGHT PER GALLON (lbs.):        | Approximately 10.8           |
| SPECIFIC GRAVITY:                | Approximately 1.3            |
| SOLIDS BY WEIGHT:                | 51.2%                        |
| MAXIMUM VOC:                     | 99.7 G/L (.86 pounds/gallon) |
| BOILING POINT (deg. C):          | 212 - 390 F                  |
| FREEZING/MELTING POINT (deg. C): | Not established              |
| VAPOR PRESSURE (mm Hg):          | Not established              |
| VAPOR DENSITY:                   | Not established              |
| EVAPORATION RATE:                | Not established              |
| OCTANOL/WATER COEFFICIENT:       | Not established              |

## **SECTION 10: STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions.

CHEMICAL INCOMPATIBILITY: Not established

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

### **SECTION 11: TOXICOLOGICAL INFORMATION**

| <b><u>CHEMICAL NAME</u></b> | <b><u>LD50/LC50</u></b>                                  |
|-----------------------------|--|
| Titanium Dioxide            | LC50 RAT 4HR Not Available<br>LD50 RAT 4HR Not Available |
| Diatomaceous Earth          | LC50 RAT 4HR Not Available<br>LD50 RAT 4HR Not Available |
| Calcium Carbonate           | LC50 RAT 4HR Not Available<br>LD50 RAT 4HR Not Available |
| Ethylene Glycol             | LC50 RAT 4HR Not Available<br>LD50 RAT 4HR 4,700 mg/kg   |

TOXICOLOGY SUMMARY: No additional health information available.

### **SECTION 12: ECOLOGICAL INFORMATION**

OVERVIEW: No ecological information available

### **SECTION 13: DISPOSAL CONSIDERATIONS**

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

### **SECTION 14: TRANSPORTATION INFORMATION**

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED.

IATA: NOT REGULATED.

## **SECTION 15: REGULATORY INFORMATION**

### INVENTORY STATUS

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

CANADIAN CEPA DSL: This product is in compliance with the Canadian Domestic Substance List requirements.

EUROPEAN EINECS: This product is in compliance with European Inventory of Notified and Existing Chemical Substance requirements.

If you need more information about the inventory status of this product call 440-786-7185.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others). Before exporting this product from the USA or Canada, we recommend you contact us at 440-786-7185.

### FEDERAL REPORTING

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

### **CHEMICAL NAME**

### **CAS# %**

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

## **SECTION 16: ADDITIONAL INFORMATION**

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

Prepared by: Department of Health and Safety

Phone: 440-786-7185

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