



SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

HAR Adhesive Technologies
60 South Park
Bedford, OH 44146
440-786-7185

PRODUCT INFORMATION

PRODUCT NAME: -
PRODUCT DESCRIPTION: Adhesive
RECOMMENDED USES: Carbonless Paper Adhesive
RESTRICTIONS ON USE: Industrial use only
CHEMICAL FORMULA: Not Applicable to mixtures

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

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of Mixture

| | |
|-----------------------------------|-------------|
| Combustible Liquids: | Category 3 |
| Eye Damage/Eye Irritation: | Category 2B |
| Skin Irritation: | Category 3 |



Signal Word:

Warning

Hazard Statements:

Combustible liquid and vapor
May cause moderate eye irritation.
May cause drowsiness and dizziness.

Precautionary Statements:

General:

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Wear protective gloves. Wear eye protection. Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools.

Take precautionary measures against static discharge. Keep container tightly closed. Use only in a well ventilated area.

Avoid breathing vapor. Wash hands thoroughly after handling.

Response:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CONTROL CENTER or physician if you feel unwell.

IF ON SKIN (or hair): Take off contaminated clothing immediately. Rinse skin with water or shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

Storage:

Store in a well-ventilated place in accordance with local regulations. Keep cool.

Disposal:

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified:

None known.

Potential Health Effects

Carcinogenicity:

IARC, ACGIH, OSHA, NTP: No component of this product is greater or equal to 0.1% and identified as a potential carcinogen.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family: Mixture of Water based Resin and Solvent

| COMPONENT | CAS NUMBER | CONCENTRATION (% by weight) |
|-------------------------|------------|-----------------------------|
| Denatured Ethyl Alcohol | 64-17-5 | <15% |
| Glycol Ether DE | 111-90- | |
| 0 | | <12% |

SECTION 4: FIRST AID MEASURES

If Inhaled: Move to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

In Case of Skin Contact: Wash with soap and water. If skin irritation persists, call a physician. If on clothes, remove clothing and wash.

In Case of Eye Contact: Immediately flush eye(s) with plenty of water. Remove contact lenses if present and easy to do.

Protect unharmed eye. Keep eye wide open while rinsing. Transport to nearest medical facility for additional treatment.

If Swallowed: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. If swallowed, do not induce vomiting; transport to nearest medical facility for additional treatment. Give nothing by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

| | |
|----------------------------|--|
| Flash Point: | 110°F T.C.C. |
| Auto Ignition Temperature: | Not established |
| Lower Explosion Limit: | Not established |
| Upper Explosion Limit: | Not established |
| Extinguishing Media: | Alcohol-resistant foam, water spray or fog. Dry chemical |

powder, carbon dioxide sand or earth may be used for small fires only.

Unusual Firefighting Hazard: There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool containers.

Protective Equipment for

Firefighters: Wear full protective clothing and self-contained breathing apparatus.

Firefighters Additional Info: Keep adjacent containers cool by spraying with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Observe all relevant local, state, national and international regulations.

Protective Measures: Avoid contact with spilled or released material. Shut off all ignition sources. No smoking.

Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. Evacuate surrounding area.

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution.

Clean-up: Absorb with inert dry material and place in the appropriate waste disposal container.

Dispose of via a licensed waste disposal contractor.

SECTION 7: HANDLING AND STORAGE

Handling: Moderately irritating material. Use only in well ventilated area. Wash thoroughly after handling. Keep container closed. Empty container retains vapor and product residue.

Storage: Store in accordance with local regulations in a segregated, approved area. Store in original container protected in a cool and well-ventilated area, away from incompatible materials. Keep container tightly closed and sealed until ready for use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses with side shields when handling this product. Have an eye wash station available.

SKIN PROTECTION: Avoid skin contact by wearing chemically resistant, impervious gloves.

GLOVES: Chemical-resistant, impervious gloves.
RESPIRATORY PROTECTION: No respiratory protection required under normal, ventilated conditions of use. If respirators are used select by and used following requirements found in OSHA's standard 29 CFR 1910.134.
VENTILATION: Use local exhaust ventilation when practical.
HYGIENE MEASURES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

EXPOSURE LIMITS:

| Chemical Name | CAS | ACGIH TWV | TWA (OSHA) |
|-------------------------|------------|------------------|-------------------|
| Denatured Ethyl Alcohol | 64-17-5 | 1000 ppm | 1000 ppm |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
COLOR: White
ODOR: Alcohol like
ODOR THRESHOLD: Not established
SPECIFIC GRAVITY: Approximately 1.0
WEIGHT PER GALLON: Approximately 8.2
BOILING POINT (deg. C): Not established
FREEZING/MELTING POINT (deg. C): 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
CONDITIONS TO AVOID: Strong Acids or Bases, Heat, Flames and sparks
HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION Carbon monoxide, carbon dioxide
PRODUCTS:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGY SUMMARY: No additional health information available for mixture.

SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Material: Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

Do not dispose into the environment, in drains or in water courses.

Container: Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residue may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums. Send to drum re-conditioner or metal re-claimer.

SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information

DOT: Not regulated

IATA: Not regulated

SECTION 15: REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

INVENTORY STATUS

U.S. EPA TSCA: This product is in compliance with 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 on 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 STATUS

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting 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.

| <u>CHEMICAL NAME</u> | <u>CAS# - %</u> | <u>RQ</u> |
|-----------------------------|------------------------|------------------|
| Glycol Ether DE | 111-90-0 8 – 12% | 5,000 lbs. |

WHMIS STATUS: Class 3B: Combustible Liquid.

European Union - REACH – Substances of Very High Concern:

We do not intentionally add any of the known chemicals to the adhesive products listed, nor, to our knowledge, are any of these chemicals intentionally added in the manufacture of the raw materials used.

California Proposition 65: We do not intentionally add any Prop 65 chemicals.

SECTION 16: ADDITIONAL INFORMATION

SDS DATE: _____ :

Previous Revision: N/A

This 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).

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