

Pioneer Adhesive Products of America Corporation

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EXP1478 PH8

August 27, 2013

***** MATERIAL SAFETY DATA SHEET *****

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1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Company Information:

Progressive Adhesives
5300 Command Dr
Memphis, TN 38118 USA
Phone: 901-363-1385

Product Information:

Product Name / Number: EXP1478 PH8
Product Description: Water based glue

2. COMPOSITION / INFORMATION ON INGREDIENTS

This MSDS 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). Unlisted ingredients are not "hazardous" per the OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

(See Section 16 for additional information.)

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: No Specific warnings for normal use conditions.

POTENTIAL HEALTH EFFECTS:

EYES: Eye contact with liquid product may cause irritation.

SKIN: Prolonged or repeated contact with liquid product may cause irritation.

INHALATION: Inhalation is not an anticipated route of exposure.

INGESTION: Not an anticipated route of exposure. Small amounts are not anticipated to be harmful.

CHRONIC: No anticipated chronic effects.

REGULATED CARCINOGEN STATUS: This product does not contain regulated levels of NTP, IARC, ACGIH or OSHA listed carcinogens.

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: No known effects on other illnesses.

4. FIRST AID MEASURES

IF IN EYE: Flush immediately with water for 20 minutes. Consult a physician if irritation persists.

IF ON SKIN: Wash affected area with soap and water. Launder contaminated clothing before reuse.

IF VAPORS INHALED: Remove subject to fresh air.

IF INGESTED: If person can swallow, give one glass of water or milk. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLASH POINT / METHOD: Non-flammable

UPPER EXPLOSIVE LIMIT / LOWER EXPLOSIVE LIMIT: Not applicable

AUTOIGNITION TEMPERATURE: Not applicable

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APPROPRIATE EXTINGUISHERS: Non-flammable in liquid state; use water spray or chemical foam

SPECIAL FIRE FIGHTING PROCEDURES: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

UNUSUAL FIRE and EXPLOSION HAZARDS: None

HAZARDOUS COMBUSTION PRODUCT: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

SPILL or LEAK PROCEDURES: Contain spill in as small of an area as possible. Soak up on neutral floor absorbent and shovel into drums for disposal. Follow local codes for waste disposal.

7. HANDLING and STORAGE**HANDLING INFORMATION:**

Wear appropriate protective equipment when working with this product.

STORAGE INFORMATION:

For industrial use only; Store in cool, dry area. Keep containers closed and out of reach of children. Containers when emptied, may be hazardous. Use caution and do not reuse.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses to reduce the potential for eye contact; chemical safety goggles are appropriate if splashing or dusting is likely. Have eye washes available where eye contact can occur.

SKIN PROTECTION: Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing. Launder contaminated clothing before reuse.

RESPIRATORY PROTECTION: Not normally required. Use NIOSH/MSHA approved respirator if conditions warrant.

VENTILATION: General dilution ventilation.

9. PHYSICAL and CHEMICAL PROPERTIES

Physical State: Liquid
Color: White
Odor: Slight, sweet odor
Odor Threshold: Not established
Specific Gravity: 1.05-1.15
% Solids by Weight 55
pH: 8.0
Boiling Range: Greater than 212°F

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Freezing / Melting Point: Of water
 Vapor Pressure: Of water
 Vapor Density: Of water
 Evaporation Rate: Of water
 Water / Oil Partition Coefficient: Not established

10. STABILITY and REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Do not contact strong acids or oxidizer

HAZARDOUS DECOMPOSITION: Carbon Monoxide and carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

No Data Available

12. ECOLOGICAL INFORMATION

No Data Available

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. Dispose of in an approved landfill. Consult the state, local or provincial authorities and your local waste vendor for more restrictive requirements.

14. TRANSPORTATION INFORMATION

UNITED STATES DEPARTMENT OF TRANSPORTATION (DOT)

DOT Proper Shipping Name: Not regulated

It is our opinion that the information provided here may be used to transport this product in compliance with Canadian Transportation of Dangerous Goods.

15. REGULATORY INFORMATION

FEDERAL:

Toxic Substances Control Act (TSCA)
Section 8 (b) – Inventory Status

This product is in compliance with the Toxic Substances Control Act's Inventory requirements

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**SARA TITLE III
Section 313**

This product does not contain regulated levels of any toxic chemical 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 372.

STATE REGULATIONS:

California Proposition 65: Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

This products does not contain known levels of any chemical known to the state of California to cause cancer or cause reproductive damage.

WHMIS IDENTIFICATION / OTHER INTERNATIONAL REGULATIONS:

Not regulated

16. ADDITIONAL INFORMATION

This product contains the following substance(s) identified by OSHA, WHMIS, or the ACGIH as hazardous. During normal use, the material will not present an exposure risk. Once the product has reached its final state and is abraded or distributed, dusting and exposure may occur.

VINYL ACETATE RESIDUE: ACCIH TLV: 10 PPM CAS REG: 108-05-4 % (OPTIONAL): <.04%

HMIS RATING:

HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0 PERSONAL PROTECTION- B

See Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION for personal protective equipment recommendations.

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Progressive Adhesives, Inc. from its suppliers, and because Progressive Adhesives, Inc. has no control over the conditions of handling and use, Progressive Adhesives, Inc. makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Progressive Adhesives, Inc. assumes no responsibility for the use or reliance thereon.

It is the responsibility of the user of Progressive Adhesives, Inc. products to comply with all applicable federal, state and local laws and regulations.