

Anders Products Wire Glue
Material Safety Data Sheet

Date of Issue: October 3, 2006

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1. Chemical Product and Company Identification

DESCRIPTION: Anders Products Wire Glue

PRODUCT TYPE: Electrically Conductive Carbon Adhesive

Manufacturer/Supplier Information

MSDS Prepared by:

Anders Products Division of Idolon Technologies

2 Connector Road

Andover, MA 01810

For additional health, safety or regulatory information, call 978-409-2765.

2. Composition, Information on Ingredients

No hazardous ingredients known to company.

3. Hazards Identification

3.1 Emergency Overview

Appearance: Black liquid

Odor: Mild acetic aroma

Not an immediate health hazard

• **HMIS Rating**

HEALTH = 0 (minimal)

FLAMMABILITY = 0 (minimal)

REACTIVITY = 0 (minimal)

3.2 Potential Health Effects

• **Immediate Hazards**

INGESTION: No hazards known to company.

INHALATION: No hazards known to company.

SKIN: No hazards known to company.

EYES: No hazards known to company.

Delayed Hazards

None of the components present in this product at concentrations equal to or greater than 0.1% have been listed by NTP, classified by IARC, nor regulated by OSHA as a carcinogen.

4. First Aid Measures

INGESTION: If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.

EYES: Immediately flush eyes with plenty of water. Call a physician if irritation persists.

5. Fire Fighting Measures

Autoignition Temperature Not available

Upper/Lower Flammable Limits Not applicable

Up/Lower Explosive Limits, % by Vol Not applicable

Flash Point Not applicable

Will not burn unless water has evaporated. Dried material may burn.

In case of fire, water should be used to keep fire-exposed containers cool.

6. Accidental Release Measures

Soak up with absorbent material and remove to a chemical disposal area. Prevent entry into natural bodies of water.

7. Handling and Storage

7.1 Handling

Handle in accordance with good industrial hygiene and safety practices.

7.2 Storage

Keep from freezing.

Store in a cool, dry place.

Keep containers tightly closed.

8. Exposure Controls/Personal Protection

8.1 Exposure Controls

No special control measures necessary under normal conditions of use.

8.2 Personal Protection

No special protection necessary.

8.3 Exposure Guidelines

None established

9. Physical and Chemical Properties

Percent Volatiles 32

pH @ 25 C 5

Specific Gravity 1.9

Appearance Black liquid

Autoignition Temperature Not available

Boiling Point 100 deg C

Vapor Density (Air=1) < 1

Vapor Pressure, mm Hg @ 20 C 17.5

Evaporation Rate (Butyl Acetate=1) < 1

Upper/Lower Flammable Limits Not applicable

Up/Lower Explosive Limits, % by Vol Not applicable

Flash Point Not applicable

Freezing Point 0 deg C

Odor Mild acetic aroma

Odor Threshold, ppm Not available

Solubility in Water Dispersible

Coefficient of Water/Oil Distrib. Not available

10. Stability and Reactivity

Normally stable as defined in NFPA 704-12 (4-3.1).

• Conditions to Avoid:

Exposure to heat, flame and incompatibles.

• Incompatibilities:

Strong acids and alkaline materials.

• Decomposition products may include:

CO, CO₂.

• Hazardous polymerization:

Will not occur.

• **Other Hazards:**

None known to company.

11. Toxicological Information

INGESTION: Not toxic orally when tested as described in 16 CFR Part 1500.3 (c)(1) and (2).

INHALATION: Not toxic by inhalation when tested as described in 16 CFR Part 1500.3 (c)(1) and (2).

SKIN Not toxic dermally when tested as described in 16 CFR
ABSORPTION: Part 1500.3 (c)(1) and (2).

SKIN: Not an irritant when tested as described in 16 CFR Part 1500.41.

EYES: Not an irritant when tested as described in 16 CFR Part 1500.42.

12. Ecological Information

Not determined.

13. Disposal Considerations

Recover free liquid. Absorb residue and dispose of according to local, state, and federal requirements.

14. Transport Information

Not regulated for transport by International Air Transport Association (IATA).

14.1 U.S. Department of Transportation (DOT)

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

Non-Regulated.

15. Regulatory Information (Selected Regulations)

15.1 U.S. Federal Regulations

- **OSHA Hazard Communication Standard 29CFR1910.1200**

This material is not a "health hazard" or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

- **SARA Title III: Section 311/312**

Does not meet any hazard category

- **SARA Title III Section 313 and 40 CFR Part 372**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

None required per SARA TITLE III SECTION 313.

16. Other Information

- **User's Responsibility**

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

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