

**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

CAUTION!

Not a significant fire hazard.

May cause eye irritation

**3.2 Potential Health Effects**

**• Immediate Hazards**

INGESTION: Not expected to be harmful under normal  
conditions of use.

INHALATION: Not expected to be harmful under normal  
conditions of use. However,  
if allowed to become airborne, may cause irritation of nose,  
throat and lungs.

SKIN: May cause irritation on prolonged or repeated contact.

EYES: May cause irritation on prolonged or repeated contact.

**• Physical Hazards**

Anders Products Wire Glue is electrically conductive. Care  
should be taken not to  
inappropriately apply this material.

**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.  
INHALATION: Remove to fresh air.  
SKIN: In case of irritation, flush with water.  
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.  
Combustion of Anders Products Wire Glue may cause a release of carbon monoxide and carbon dioxide.

#### **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. Always use appropriate Personal Protective Equipment (PPE).  
INHALATION: Avoid prolonged or repeated breathing of vapor.  
SKIN: Avoid prolonged or repeated contact with skin and clothing.  
EYES: Avoid prolonged or repeated contact with eyes.

##### **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**

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

##### **8.2 Personal Protection**

Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection. Use goggles if contact is likely. Wear impervious gloves as required to prevent skin contact.

### **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**

Product is stable

#### **• Conditions to Avoid:**

Exposure to heat, flame and incompatibles.

#### **• Incompatibilities:**

Strong acids and alkaline materials.

Strong oxidizing and reducing agents.

#### **• Decomposition products may include:**

CO, CO<sub>2</sub>.

#### **• Hazardous polymerization:**

Will not occur.

#### **• Other Hazards:**

None known to company.

### **11. Toxicological Information**

See Section 3 Hazards Identification information.

### **12. Ecological Information**

Not determined.

### **13. Disposal Considerations**

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

### **14. Transport Information**

#### **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.

##### **• 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.

##### **• Disclaimer**

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