

**PANNIER CORPORATION**  
**207 SANDUSKY STREET, PITTSBURGH, PA 15212-5823 U.S.A.**

**MATERIAL SAFETY DATA SHEET**

AAW 0176  
REV. 1  
JANUARY 15, 2008  
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**IMPORTANT:** Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

**24 HOUR EMERGENCY RESPONSE NUMBER: 800-424-9300**  
**INTERNATIONAL EMERGENCY RESPONSE NUMBER: 703-527-3887**

**SECTION 1. GENERAL INFORMATION**

**TRADE NAME:** AAW 0176  
**GENERIC NAME:** REA Ink Jet White Water-Based Ink  
**PRODUCT NUMBER:** IJ050-9003-21  
**CHEMICAL CHARACTERIZATION:** Mixture of water and auxiliaries.

**SECTION 2. INGREDIENTS**

Does not contain any hazardous ingredient as defined by law.

**SECTION 3. HAZARDOUS IDENTIFICATION**

**Special hazard information with regard to health and environment:**  
None

**Possible noticeable symptoms on humans:**  
None

**SECTION 4. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form:</b>	liquid
<b>Color:</b>	White
<b>Odor:</b>	characteristic
<b>Boiling point:</b>	100°C- 110°C
<b>Melting point:</b>	~0°C
<b>Flash point:</b>	No data available
<b>Autoignition point:</b>	No data available
<b>Explosive limits:</b>	lower: upper:
<b>Vapor pressure:</b>	~23 hPa at 20°C
<b>Vapor density:</b>	> 1 (air=1)
<b>pH value:</b>	~7.3
<b>Density:</b>	~1.0188g/ml
<b>Bulk density:</b>	Not applicable due to physical condition
<b>Viscosity:</b>	~3.25 mPas
<b>Solubility in water:</b>	Miscible
<b>Miscible in:</b>	No data available
<b>Solvent content:</b>	0%

**SECTION 5. FIRST AID MEASURES**

**General advice:**

Take off immediately all contaminated clothing. If there is a risk that person is losing consciousness, lay person down and move person safely on their side.

**Inhalation:**

Move person to fresh air. If there is respiratory distress, give artificial respiration and seek medical attention.

**Skin contact:**

Wash affected area with soap and copious amounts of water.

**Eye contact:**

Remove contact lenses if applicable. Rinse immediately with copious amounts of water (at least 15 minutes long), holding eyelids apart. Seek medical attention.

**Ingestion:**

Have the person rest. Seek immediately medical attention. Have the person drink water (200 ml). DO NOT INDUCE VOMITING. NO MILK. NO CASTOR OIL.

**SECTION 6. FIRE FIGHTING MEASURES**

**Extinguishing media:**

**Hazards due to gas formation and/or decomposition products:**

**Special protective equipment during fire fighting:**

**SECTION 7. ACCIDENTAL RELEASE MEASURES**

**Personal Protection:**

Avoid sources of ignition. Do not smoke. Do not breath in vapors/aerosol. Avoid contact with eyes and skin. Wear appropriate protective gloves (latex, vinyl, nitril, butyl rubber.) Wear safety glasses/goggles

**Environmental protection:**

Do not allow to enter sewers, basement or ground water. In case of emergency, stem by using appropriate measures.

**After spillage/leakage:**

Absorb spills with non-combustible, liquid-binding material (such as sand, silica gel, multi-purpose binding agent, Oil-Dry®). Clean with water. Dispose of product and of all cloth and cleaning agents contaminated by the product in accordance with applicable regulations.

**Further information:**

Product is miscible with water.

**SECTION 8. HANDLING AND STORAGE**

**Handling:**

Take usual precautionary measures when handling chemicals. Wear appropriate gloves and eye protection. Open and handle container with care. Air thoroughly and if necessary care for exhauster or breathing filter. Do not smoke, eat or drink. Take measures against static discharges. Preventive skin protection is recommended. Wash hands with copious amounts of water at end of work.

**Storage:**

Store product in a cool, approved area and keep it in its original container, tightly closed. Air thoroughly. Keep away from sources of ignition and from fire-activating materials. Protect against strong heating and sunshine. Recommended storage temperature: +15°C - 25°C

**Keep away from frost!**

**SECTION 9. PERSONAL PROTECTION**

**Exposure Limits:** None

**Personal Protective equipment:**

Protective means must be selected according to work-specific conditions and to the concentration of hazardous ingredients. The resistance of the protective means to chemicals should be evaluated with the respective supplier.

**Respiratory protection:**

Not necessary..

**Protective gloves:**

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Wear protective gloves (Butyl rubber, Latex). Preventive skin protection.

**Eye protection:**

Wear safety glasses/goggles with lateral protection.

**Protective clothing:**

Not necessary.

**Hygiene measures:**

Keep away from food, drink and animal feed. Wash hands at breaks and end of day. Do not eat, drink or smoke around product.

**DO NOT USE THIS PRODUCT FOR CLEANING SKIN OR CLOTHES.**

**SECTION 10. STABILITY AND REACTIVITY**

**Stability:** Product is stable.

**Conditions to avoid:** Strong heat (>45°C) and/or sunshine

**Substances to avoid:** Strong acids and alkaline solutions, oxidizing and reducing substances

**Hazardous reactions:** With acids, alkaline solutions, oxidizing and reducing substances

**Hazardous decomposition:** Carbon oxide, nitrogen oxide

**SECTION 11. DISPOSAL INFORMATION**

In compliance with local, state and federal regulations. The product should not be allowed to enter sewers or water streams.

**SECTION 12. TOXICOLOGICAL INFORMATION**

No data available.

**SECTION 13. TRANSPORT INFORMATION**

Transport in accordance with ADR for road, RID for rail, IMDG for sea, ICAO/IATA for air.

No dangerous goods.

**SECTION 14. REGULATORY INFORMATION**

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND/OR OF 40 CFR 372.**

None.

**DISCLAIMER OF LIABILITY**

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