



U.S. Material Safety Data Sheet  
European Safety Data Sheet

<b>MSDS Number: 38 Rev. A</b>	<b>Date: November 28, 2006</b>
<b>Product: Solid Mark II™ Ink</b>	<b>Page 1 of 3</b>

**Section 1: PRODUCT & COMPANY IDENTIFICATION**

Product Identifier: SolidMarkII™ Black Ink  
Manufacturer: TRIDENT, an ITW Company  
1114 Federal Road  
Brookfield, CT 06804-1140  
Telephone: +1 203-740-9333 Fax: +1 203-740-3528  
Emergency numbers: +1 203-740-9333  
EMERGENCY: Call CHEMTREC United States: 1-800-424-9300  
International: 1-703-527-3887 (collect)

**Section 2: Product Use**

Solid Ink Sticks for Trident SolidJet Printer.

**Section 3: Chemical Composition**

Mixture of resinous materials and dyes. Exact formula withheld as trade secret.

**Section 4: Hazards Identification and First Aid Measures**

Potential Health Effects:  
In general, hazardous exposure is eliminated if the following precautions are routinely complied with:

- a. Eye Contact: Short-term exposure may result in irritation. If material comes in direct contact, wash with water. No known chronic effects.
- b. Skin Contact: No ingredient in this material is known to be a skin irritant. May cause irritation of the skin in sensitive individuals. Not expected to be a probable route to the body. No hazard expected in routine handling. If material contacts the skin, wash the affected area with soap and water as appropriate to remove product residue.
- c. Ingestion: No ingredient in this material is known to be toxic. Not expected to be a probable route to the body.
- d. Carcinogenic Properties: No ingredient is on the International Agency for Research on Cancer (IARC) or National Toxicological Program (NTP) or OSHA lists of carcinogens or potential carcinogens.

**Section 5: Combustion**

Flash point: > 200 degrees C. Material is combustible. No unusual hazards are expected.

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### **Section 6: Result of Product Damage**

If the material is spilled, recover spilled material using usual housekeeping procedures and dispose of refuse material in compliance with applicable regulations.

### **Section 7: Accidental Release Measures**

Keep in a cool, dry location. No special precautions are applicable.

### **Section 8: Exposure Limitations**

No special controls needed when used according to directions.

### **Section 9: Chemical and Physical Properties**

Melting Point 50-70 degrees C  
Black color  
Wax like solid at room temperature  
No volatile components

### **Section 10: Stability and Reactivity**

Stable under normal pressure and temperature of use.  
No known incompatibles.  
Hazardous polymerization will not occur.

### **Section 11: Environmental Status**

No known impact.

### **Section 12: Disposal Considerations**

Dispose of waste by landfill or incineration in accordance with all local, state and federal regulations.  
Resource Conservation and Recovery Act (RCRA): This product is not included in the lists of hazardous substances nor does it exhibit the characteristics of hazardous waste (40 CFR 261.20-24).

### **Section 13: Transportation Information**

DOT: Not regulated  
Surface Freight Classification: Plastic Synthetic

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#### **Section 14: Regulatory Information**

All components are either listed on the TSCA or are covered by a reviewed PMN and will be added to the TSCA Inventory upon filing the Notice of Commencement.

California Proposition 65: Not listed  
RCRA: TCLP below hazardous waste levels set by EPA  
EPA/SARA: Not reportable

#### **Section 15: Other Information**

Hazard Ratings: NFPA 1 Health 1 Fire 0 Reactivity

This is the current status as known by the manufacturer at the time of manufacture/printing. This is believed to be accurate but no warranty with respect to accuracy or completion is implied or intended. Interpretation of the above supplied information is left solely to the final user.

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