



US Material Safety Data Sheet

EU Safety Data Sheet

MSDS Number: 38 Rev. C	Date: July 18, 2008
Product: SolidMark II™ Black Inkjet Ink	Page 1 of 4

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Section 1: Identification of the Substance/Preparation and the Company/Undertaking

Product Identifier: SolidMark II™ Black Inkjet ink

Manufacturer: Trident an ITW Company.
1114 Federal Road
Brookfield, CT 06804-1140

Telephone: 1-203-740-9333

Fax: 1-203-740-3528

Email: <mailto:hq@trident-itw.com>

Emergency: Call CHEMTREC United States 1-800-424-9300/ International 1-703-527-887(collect)

Section 2: Hazards Identification
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EMERGENCY OVERVIEW: Avoid contact with eyes and skin. May mild cause eye irritation.

HAZARD RATINGS: NFPA Health: 0 Flammability: 1 Reactivity: 0

Product Classification:

US OSHA: Not Hazardous

EU Classification (1999/45/EC): Not classified as dangerous

Potential Health Affects:

Eye Contact: May cause mild eye Irritation.

Skin Contact: May cause mild skin irritation in sensitive individuals.

INGESTION: No adverse effects expected.

INHALATION: Inhalation of vapors from heated material may be irritating to mucus membranes and the upper respiratory system.

Section 3: Composition/Information on Ingredients
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DESCRIPTION: Dye-based phase change ink, solid at room temperature.

Components	CAS Number	EINECS Number	Weight %	EU Classification 67/548/EEC
Mixture of resinous materials and dyes	Proprietary	Proprietary	100	not classified

Please refer to Section 16 for the full text of the EU classification and R phrases.

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Section 4: Emergency First Aid Measures

INGESTION: Swallowing small amounts will not cause significant harm and does not require any emergency treatment. Nothing should be administered orally to a victim who is losing consciousness, unconscious or convulsing. Do not induce vomiting. Seek medical advice if adverse symptoms develop.

INHALATION: If exposed to excessive levels of vapor or mist, remove to fresh air. For difficulty breathing, give oxygen. Seek medical attention if cough or other symptoms develop.

EYE CONTACT: Immediately flush eyes with plenty of cool water retracting the lids. After initial flush, remove contact lenses. Seek medical advice if irritation persists.

SKIN CONTACT: Wash with soap and water. Remove and launder contaminated clothing. In any case of persistent irritation, seek medical advice.

Section 5: Fire Fighting Measures

FLASHPOINT AND METHOD: >200°C[392°F]

FLAMMABLE LIMITS: Not established

AUTOIGNITION TEMPERATURE: Not established

EXTINGUISHING MEDIA: Use carbon dioxide, dry chemical or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing equipment to protect against potential toxic and irritating contaminants that may be present in decomposed products. Dike liquids to prevent run-off to waterways and sewers. Collect and dispose of properly.

UNUSUAL FIRE & EXPLOSION HAZARDS: Product will burn under fire conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and unknown materials.

Section 6: Accidental Release Measures

GENERAL: Wear proper protective equipment. Limit access to the area. Contain and collect for proper disposal. Keep from waterways and sewers. Notify proper authorities.

SPILL: If liquid, allow to solidify. Scrape up and collect for disposal. Wash area with water, ensuring that none of it escapes into the waterways.

Section 7: Handling And Storage

Avoid contact with skin and eyes. Avoid breathing vapors or mists. Wear appropriate protective equipment. Keep containers closed. Store in a cool, dry place.

Section 8: Exposure Controls And Personal Protection

EXPOSURE LIMITS:

Components	Exposure Limit / Source
Mixture of resinous materials and dyes	None Established

ENGINEERING CONTROLS : Product is used as hot-melt ink in industrial ink-jet printers. Ensure adequate ventilation around printer.

PERSONAL PROTECTION:

RESPIRATORY: None normally needed in well-ventilated areas.

SKIN PROTECTION: If contact likely, wear gloves.

EYE PROTECTION: Follow facility requirements. Wear safety glasses when handling hot material.

OTHER: If contact likely, wear protective clothing to limit skin contact.

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Section 9: Physical & Chemical Properties

APPEARANCE:	Black wax like solid at room temperature.		
FLASH POINT:	>200°C[392°F]	AUTOIGNITION TEMPERATURE:	Not established
FLAMMABLE LIMITS:	Not established	EVAPORATION RATE:	Not applicable
pH:	Not available	VAPOR PRESSURE:	Not applicable
SPECIFIC GRAVITY:	Not available	VAPOR DENSITY:	Not applicable
MELTING POINT:	131-167°F(55-75°C)	SOLUBILITY in water:	Not available

Section 10: Stability & Reactivity
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STABILITY:	Stable
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY:	None known.
THERMAL DECOMPOSITION PRODUCTS:	Oxides of carbon and unknown materials.
HAZARDOUS POLYMERIZATION:	Will not occur

Section 11: Toxicological Information

ACUTE TOXICITY:	No data available		
SUBCHRONIC EFFECTS:	Not tested.		
CHRONIC EFFECTS/CARCINOGENICITY:	None known.		
COMPONENTS LISTED AS CARCINOGENS BY REGULATORY AGENCIES:			
OSHA:	None Listed	IARC:	None Listed
NTP:	None Listed.	EU Directive:	None Listed
MUTAGENICITY:	No data available.		
REPRODUCTIVE EFFECTS:	No data available.		

Section 12: Ecological Information
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ECOTOXICOLOGICAL INFORMATION:	No data available
CHEMICAL FATE INFORMATION:	No data available

Section 13: Disposal Considerations

Dispose of according to appropriate local, regional and national laws or regulations. Do not reuse empty containers.

Section 14: Transport Information

GROUND TRANSPORT:	Not regulated.
AIR TRANSPORT:	Not regulated
OCEAN TRANSPORT:	Not regulated

Section 15: Regulatory Information (not meant to be all inclusive)
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UNITED STATES

This product does not contain any ozone depleting substances (ODS), nor were any ODS's used in the manufacture of this product.

TSCA (Toxic Substances Control Act): All components are in compliance with TSCA.

OSHA Hazard Classification: Not Hazardous.

SARA [Superfund Amendment and Reauthorization Act] Title III (CERCLA):

 Components of this product regulated under this statute: None

CAAA - This product contains the following ingredients considered Hazardous Air Pollutants under the

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Clean Air Act Amendment of 1990: None

California proposition 65 - Components contained in this product known to cause cancer, birth defects, or reproductive harm by the State of California: None.

Massachusetts 105CMR670 Right to Know Substance List (MSL): Components that require reporting under this statute are: None known

Pennsylvania Right to Know Hazardous Substance List : Components of this product that could require reporting are: -----None known

CANADA:

WHMIS Classification Not a controlled product

EUROPEAN UNION

EINECS Status: All components are in compliance with European Inventory requirements

EU Labeling: None required.

Section 16: Other Information.
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HAZARD RATINGS: NFPA Health: 0 Flammability: 1 Reactivity: 0

EU Classification and Risk Phrases from Section 2

None.

The information and recommendations contained in this document are based on data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to this information.

Written by: Trident an ITW company

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