

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 290 CFR 1910.1200.
 Standard must be consulted for specific requirements.

Identity: SumiMark SM3 Black and White Thermal Transfer Ribbons Form #10

Section I

Manufacturer's Name Proprietary	Emergency Telephone Number
Address (number, street, city, state and zip code)	Telephone Number for Information
	Date Prepared 5/12/2009

Section II - Hazardous Ingredients / Identity Information

Hazardous Components (specific chemical identity; common name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
The pigments, resin, base carrier and other components are not considered hazardous as supplied.				

Section III - Physical / Chemical Characteristics

Boiling Point: N/A	Specific Gravity (H2O = 1): N/A	Vapor Pressure (mm Hg): N/A
Melting Point: Not established	Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: Insoluble	Appearance and Odor: Rolled coated film	

Section IV- Fire and Explosion Hazard Data

Flash Point (Method Used): N/A	Flammable Limits: N/A	LEL: N/A	UEL: N/A
Extinguishing Media: Water spray, CO2	Special Firefighting Procedures: None	Unusual Fire and Explosion Hazards: None	

Section V- Reactivity Data

Stability: <input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable	Conditions to Avoid: None
Incompatibility (Materials to Avoid): None	Hazardous Polymerization: <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur
Hazardous Decomposition or Byproducts: HCl, carbon monoxide possible	

Section VI- Health Hazard Data

Routes(s) of Entry: Inhalation? Yes No, Skin? Yes No, Ingestion? Yes No
Health Hazards (Acute and Chronic): This product <input checked="" type="checkbox"/> does not cause any special health hazards <input checked="" type="checkbox"/> when used as intended. <input type="checkbox"/> <input checked="" type="checkbox"/>
Carcinogenicity: Not determined NTP? Yes No IARC Monographs? Yes No OSHA Regulated? Yes No
Signs and Symptoms of Exposure: Not determined Medical Conditions Generally Aggravated by Exposure: Not determined
Emergency and First Aid Procedure: Not determined

Section VII- Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: None specified
Waste Disposal Method: Landfill or dispose in accordance with local, state and federal regulations.
Precautions to be Taken in Handling and Storage: Store at room temperature Other Precautions: None specified

Section VIII- Control Measures

Respiratory Protection (specify type): None required when used as intended.	Ventilation: N/A	
Local Exhaust:	Special:	Mechanical (general):
Other: None	Protective Gloves: Not required	Other Protective Clothing or Equipment: None
Work/Hygienic Practices: Loose ribbon on floors could present a slip hazard. Normal housekeeping practices should be applied.		

To the best of our knowledge, the information contained herein is believed to be reliable. However, we do not assume any liability whatsoever for the accuracy or completeness of the information. Final determination of the suitability of information and the manner of use of the information/product is the sole responsibility of the user.