

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 ESR™ B814 Extreme+ Resin		Form #10		
Section I				
Manufacturer's Name ITW Thermal Films		Emergency Telephone Number (586)752-5553		
Address (number, street, city, state and zip code) 14981 32 Mile Road Romeo, MI 48065		Telephone Number for Information (586)752-5553		
		Date Prepared 2/19/02		
Section II - Hazardous Ingredients / Identity Information				
Hazardous Components (specific chemical identity; common name(s)) The pigments, resin, base carrier and other components are not considered hazardous, as supplied.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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 Decomposition or Byproducts HCl, carbon monoxide possible				
Hazardous Polymerization:	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid None		

Section VI- Health Hazard Data

Routes(s) of Entry:	Inhalation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Skin? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ingestion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Health Hazards (Acute and Chronic) This product will not cause any special health hazards, when used as intended.			
Carcinogenicity: Not determined	NTP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	IARC Monographs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	OSHA Regulated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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, ITW Thermal Films does 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.