

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard.29 CRF 19101200

No.

IDENTITY (As Used on Label and List)

THERMAL TRANSFER FAX RIBBON/ POLIESTER FILM

Section I

Manufacture's Name: Clover Technologies Group	Telephone Number 1-800-464-0272	Telephone Number for Information 1-800-464-0272
Address: 4200 Columbus St, Ottawa, IL 61350	Date Prepared April, 3, 2007	Signature of Preparer Cristian Flareco

Section II Hazardous Ingredients/Identy Information

Hazardous Components (Specific Chemical Denty: Common Name <S>)	OSHA PEL	ACGIH TLV	Others Limits Recommended	%(Optional)
INK LAYER				
CARBON BLACK CAS NO.1333-86-4		No data available		15 %
WAX		No data available		73 %
RESIN		No data available		12 %

Section III Physical/Chemical Characteristics

Boiling Point	No data available	Specific Gravity (H ₂ O=1)	1.02
Vapor Pressure (mm Hg.)	No data available	Melting Point	70°C
Vapor Density (AIR =1)	No data available	Evaporation Rate (Butyl Acetate=1)	No evaporate
Solubility in Water	Insoluble in water	Appearance and Odor	Polyester Film coated on side with black ink. No odor

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	304°C	Flammable Limits	LEL	No Data	UEL	No Data
Extinguishing Media	Water Form, CO₂Gas, Dry Chemical		Special Fire Fighting Procedures	Never extinguish by water		

Unusual Fire and Explosion hazards **None**

Section V Reactivity Data

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid
	Stable	<input type="radio"/>	
Incompatibility (Materials to Avoid)		Hazardous Decomposition or By products	
Strong oxidizing agents.		May produce CO and CO ₂ , NO _x in case of burning	
Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid
	Will Not Occur	<input type="radio"/>	

Section VI Health Hazard Data

Route of Entry	Inhalation Will not occur	Skin No data	Ingestion No data
Health Hazards (Acute and Chronic)			
No data			
Carcinogenicity	NTP?	IARC Monographs? Carbon Black	OSHA Regulated?
Signs and Symptoms of Exposure			
None			
Medical Conditions Generally Aggravated by Exposure			
None			
Emergency and First Procedures			
None			

Section VII Precautions for Safe Handling and Use

Step to be Taken in Case Material is Released or Spilled
Not required

Waste Disposal Method	Dispose as other plastic product. Follow all relevant regulations for disposal.
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Precautions to Be Taken in Handling and Storing	Fire prohibited. Do not expose to direct sunlight Store at a temperature below 45°C (113° F)
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Other Precautions	None
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Section VIII Control Measures

Respiratory Protection (specify type)	Not required
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Ventilation	Local Exhaust	Not required
	Mechanical (General)	Not required
	Special	Not required
	Other	Not required

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Protective Gloves	Not required
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Eye protection	Not required
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Other Protective Clothing or Equipment	Not required
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Work/Hygienic Practices	Not required
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