

Material Safety Data Sheet

IDENTITY			
THERMAL TRANSFER FILM RIBBON (S21)			
SECTION 1			
<u>Manufacturers Name</u> DYNIC CORPORATION		<u>Emergency Telephone Number</u> (029) 2048 3973	
<u>Address</u> Units 40-42 Portmanmoor Road Ind. Est. East Moors, Cardiff		<u>Telephone Number for Information</u> (029) 2048 3973	
<u>Signature of Prepared</u> G.Williams		<u>Date Prepared</u> 6 th March 2003	
SECTION 2 – Hazardous Ingredients/ Identity Information			
<u>Hazardous Components</u>		<u>OSHA PEL</u> <u>AVGIH TLV</u> <u>Other Limits</u>	
<u>Ingredients</u>	<u>Cas-No</u>		
Polyethylene Terephthalate	25038-59-9		
Phenolic Resin	Unpublished		
Ketone Resin	Unpublished		
Polyurethane Resin	None		
Ethylene–Vinyl Acetate Copolymer	24937-78-8		
Paraffin Wax	8002-74-2		
Carnauba Wax	8015-86-9		
Natural Wax	8006-44-8		
Carbon Black	1333-86-4		
These chemicals are listed in the “TSCA inventory list”			
SECTION 3 – Physical/Chemical Characteristics			
<u>Boiling Point</u> N/A		<u>Specific Gravity</u> N/A	
<u>Vapour Pressure</u> N/A		<u>Melting Point</u> N/A	
<u>Vapour Density</u> N/A		<u>Evaporation Rate</u> N/A	
<u>Soluble In Water</u> No Data Available			
<u>Appearance and Odour</u> Polyethylene terephthalate film coated with solid black ink with slight odour			
SECTION 4 – Fire and Explosion Hazard Data			
<u>Flash Point</u> Over 200°C		<u>Flammable Limits</u>	<u>LEL</u> N/A
			<u>UEL</u> N/A
<u>Extinguishing Media</u> Chemical Powder, CO2 Gas, Water, Sand and others			
<u>Special Fire Fighting Procedures</u> N/A			
<u>Unusual Fire and Explosion Hazards</u> No explosion (at room temperature and pressure)			

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SECTION 5 – Reactivity Data			
<u>Stability</u>	Unstable		<u>Condition to Avoid</u>
	Stable	X	Except for Super Heating
<u>Incompatibility (Material to Avoid)</u>			
None			
<u>Hazardous Decomposition or Byproducts</u>			
None			
<u>Hazardous</u>	May Occur		<u>Condition to Avoid</u>
<u>Polymerization</u>	Will not occur	X	Because of very stable product
SECTION 6 – Hazard Health Data			
<u>Route(s) of Entry</u>	<u>Inhalation</u>	<u>Skin</u>	<u>Ingestion</u>
	No	No	Yes
<u>Health Hazards (Acute and Chronic)</u>			
There are no hazards under normal conditions			
<u>Carcinogenicity</u>	<u>NTP</u>	<u>IARC Monographs</u>	<u>OSHA Regulated</u>
	No	No	No
<u>Signs and Symptoms of Exposure</u>			
None under current use			
<u>Medical Conditions</u>			
Generally aggravated by exposure		Will not occur	
<u>Emergency and First Aid Procedures</u>			
Wash away with soap and water If ink has contacted eye, wash it with water			
SECTION 7 – Precautions for Safe Handling and Use			
<u>Steps to Be Taken in Case Material is Released or Spilled</u>			
Sweep up and wipe off with duster (In case coated material is released from polyester film)			
<u>Waste Disposal Method</u>			
Used ink should be disposed of in environmentally safe manner and in accordance with governmental regulations			
<u>Precautions to be Taken in Hazardous and Storing</u>			
Store in a cool , dry and dark place			
<u>Other Precautions</u>			
None			
SECTION 8 – Control Measures			
<u>Respiratory Protection (Specify Type)</u>			
<u>Ventilation</u>	<u>Local Exhaust</u>	None	
	<u>Special</u>	None	
	<u>Mechanical (General)</u>	None	
	<u>Other</u>	None	
<u>Protective Gloves</u>	<u>Eye Protection</u>		
None	None		
<u>Other Protective Clothing or Equipment</u>		None	
<u>Work/ Hygienic Practises</u>		None	