



**EEC SAFETY DATA SHEET IN ACCORDANCE WITH DIRECTIVE 93/112/EC**

15/05/2006

Version 3 2002.

Number of pages: 4

<b>MATERIAL SAFETY DATA SHEET.</b>						
<b>1. IDENTIFICATION OF SUBSTANCE/ PREPARATION AND MANUFACTURER.</b>						
1.1 Product identification:	Tribond 1155					
1.2 Intended use/ description:	Hot melt adhesive					
1.3 Company:	Trillium products LTD Unit 1A, Kingsway West Business Park Moss Bridge Road Rochdale Lancashire OL16 5LX Office Tel: 0044 (0) 1706 526444 Fax 0044 (0) 1706 759756					
1.4 Emergency telephone numbers:	0044 (0) 7932 77 66 41					
<b>2. COMPOSITION/ INFORMATION ON INGREDIENTS.</b>						
2.1 Chemical characterization:	Synthetic, thermoplastic polymer					
2.2 Hazardous composition:						
Substance	Cas-Nr	EINECS N <sup>o</sup>	Annex 1 N <sup>o</sup>	Max% w/w	Symbol	R-phrase
See section 16 for R- phrase identification.						
<b>3. HAZARD IDENTIFICATION.</b>						
3.1 Hazard identification:	This product is not considered a health hazard under current legislation. During use this product is handled at elevated temperatures and suitable safety precautions should be taken. No labeling required under current legislation. (General classification guidelines for preparations) Hazard only when molten.					
<b>4. FIRST AID MEASURES.</b>						
4.1 General first aid measures:	No special requirements.					
4.2 First aid eyes:	Immediately irrigate with eye with clean, cold water. Seek medical attention immediately.					
4.3 First aid skin:	Submerge or irrigate immediately with cold water until adhesive is solid. <b>DO NOT ATTEMPT TO REMOVE ADHESIVE.</b> Seek medical attention. Adhesive may be softened with olive oil or liquid paraffin, only under medical supervision. When adhesive is removed treat as normal burn.					
4.4 First aid ingestion:	Wash mouth out with water. Drink plenty of water. Get medical aid if necessary.					
4.5 First aid inhalation:	Remove patient from exposure and into fresh air.					
<b>5. FIRE FIGHTING MEASURES:</b>						
5.1 Fire fighting:	None flammable. Dry films maybe combustible. Foam, Carbon Dioxide or dry powder extinguishers are all suitable. Do not use water.					
<b>6. ACCIDENTAL RELEASE MEASURES:</b>						
6.1 Personal precautions:	Gloves and goggles recommended.					



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<b>6.2 Environmental precautions:</b>	Spillages should not be washed into watercourses. <b>Dispose in accordance with local authority laws.</b>
<b>6.3 Methods for cleaning up:</b>	Allow molten product to solidify and scrap up. Dispose of in accordance with local/national regulations.
<b>6.4 Additional information:</b>	No dangerous materials are released.
<b>7. HANDLING AND STORAGE:</b>	
<b>7.1 Handling:</b>	No special precautions are necessary when handled in accordance with good industrial safety and hygiene practices. Refer to sections 5 and 6 for fire and spillage precautions.
<b>7.2 Storage:</b>	Store at temperatures between 7 and 30°C. Do not allow product to become damp or wet. No special common storage facilities required. Not classified according to the regulation on flammable liquids.
<b>8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:</b>	
<b>8.1 Exposure limits:</b>	No exposure limits have been assigned to this preparation.
<b>8.2 Occupational exposure controls:</b>	There are no components that require monitoring within the work place based on present knowledge. Local exhaust ventilation should be used when the product is sprayed.
<b>8.3 Personal protection:</b>	Hand- Wear protective heat resistant gloves. Eye- Goggles or full-face shield. Skin- Industrial overalls. Inhalation- use in a well ventilated area.
<b>8.4. Exposure limits.</b>	<b>Occupational exposure limits</b> <b>Unit.</b>
<b>Cas N°      Component</b>	<b>TLV      PEL</b>
<b>8.5 Environmental exposure:</b>	See section 6.
<b>9 PHYSICAL AND CHEMICAL PROPERTIES:</b>	
<b>9.1 Physical state:</b>	Solid at room temperature.
<b>9.1.1 Colour:</b>	Amber
<b>9.1.2 Smell:</b>	Very low.
<b>9.2 pH:</b>	N/a
<b>9.2.1 Boiling Point/ boiling range:</b>	N/a
<b>9.2.2 Melting point/melting range: °C</b>	Approx. 115°C
<b>9.2.3 Flash point: °C</b>	Above 200°C.
<b>9.2.4 Flammability °C:</b>	None flammable.
<b>9.2.5 Explosive properties:</b>	Product is none explosive.
<b>9.2.6 Oxidising properties:</b>	Not determined.
<b>9.2.7 Vapor pressure at 20°C: mmHg</b>	Not measured.
<b>9.2.8 Relative density: g/cm<sup>3</sup> @20°C</b>	0.98
<b>9.2.9 Solubility in water:</b>	Immiscible.



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9.2.10 Viscosity at 160°C (Approximate)	1000Cps
9.2.11 Solids content: (Approximate)	100%
9.2.12 Organic Solvents: (Approximate)	%
Water content: (Approximate)	%
9.2.13 Vapour density: (mbar)	Not applicable.
9.2.13 Evaporation rate: (Water=1)	Not applicable.
<b>10. STABILITY REACTIVITY:</b>	
10.1 Conditions to avoid:	Stable under normal conditions of use.
10.2 Materials to avoid:	No hazardous reactions known.
10.3 Hazardous decomposition products:	No dangerous decomposition products known.
<b>11. TOXICOLOGICAL INFORMATION:</b>	
11.1 Acute toxicity: Substance present (see section 2)      LD <sub>50</sub> Oral-rat mg/kg      LD <sub>50</sub> skin rabbit mg/kg	
Skin:                    Not classed as a skin irritant.	
Eye:                    May cause slight irritation.	
Sensitization: Not classed as skin sensitizing.	
No constituents are listed as carcinogens by. NTP. IARC. OSHA.	
<b>12. ECOLOGICAL INFORMATION:</b>	
12.1 Ecotoxicity:	No heavy metals are intentionally added during production. Generally not hazardous for water.
12.2 Mobility:	Unknown
12.3 Persistence and biodegradability:	Immiscible with water, therefore will not be diluted in waterways.
<b>13. DISPOSAL CONSIDERATIONS:</b>	
13.1 Disposal:	This product is not classified as hazardous waste. Dispose in accordance with local authority requirements via incineration or land fill.
13.2 Uncleaned packages.	Contaminated packages should be disposed of according to local authority regulations.
13.3 Cleaning agents and recycling:	Oils and solvents can be used to soften solid material.
<b>14 TRANSPORT INFORMATION:</b>	
14.1 Transport:	Not classified as hazardous for transport.
14.2 UN Number:	
14.3 UN Class:	
14.4 Shipping name:	
14.5 Packaging group	
14.6 Marine pollutant:	
14.7 ADR/RID-class	
14.8 ADR/RID-item No	
14.9 ADR/RID hazard ID	
14.10 IMDG-Class	
14.11 IMDG-Ems No	
14.12 IATA-Class	
14.13 Tremcard No TEC(R)	
<b>15. REGULATORY INFORMATION:</b>	



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15.1 Hazard Label for safety:	Not classified. Directives 67/548/EEC and 1994/45/EC. This product is not subject to identification under current CHIP regulations
15.2 Risk phrases:	None.
15.3 Safety phrases:	S36/37/39 – wear suitable protective clothing, gloves and eye/face protection
15.4 Water class. 1	Generally not hazardous for water.
15.5 FDA status:	Formulated components of this preparation conform to FDA 175.105
15.6 EINECS inventory:	All components used to formulate this product are listed on the EINECS inventory.
<b>16. OTHER INFORMATION:</b>	
16.1 Risk and safety phrases:	R-phrase S-phrase
16.2 Final statement:	This information must be passed onto any employee, customers, agents and contractors involved with the handling of this product. The information is based on current knowledge and is intended to describe the safety requirements of this product. It is not a guarantee of specific properties. The data only applies if the product is used as intended. The product should not be used for purposes other than intended without seeking advice from the manufacturer.
16.3. Issue.	Product safety department. Issue 7.12.2002 replaces issue Sept 2001.

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