



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

16/05/2006

Version 3 2002.

Number of pages: 4

| MATERIAL SAFETY DATA SHEET. | | | | | | |
|--|---|-----------------------|------------------------|----------|--------|----------|
| 1. IDENTIFICATION OF SUBSTANCE/ PREPARATION AND MANUFACTURER. | | | | | | |
| 1.1 Product identification: | Tribond 1021 | | | | | |
| 1.2 Intended use/ description: | Water based 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 | | | | | |
| 2. COMPOSITION/ INFORMATION ON INGREDIENTS. | | | | | | |
| 2.1 Chemical characterization: | Synthetic co-polymer emulsion | | | | | |
| 2.2 Hazardous composition: | | | | | | |
| Substance | Cas-Nr | EINECS N ^o | Annex 1 N ^o | Max% w/w | Symbol | R-phrase |
| See section 16 for R- phrase identification. | | | | | | |
| 3. HAZARD IDENTIFICATION. | | | | | | |
| 3.1 Hazard identification: | This product is not considered a health hazard under current legislation. Some prolonged skin contact can cause dermatitis in sensitive individuals. No labeling required under current legislation. (General classification guidelines for preparations) Eye contact may cause irritation. | | | | | |
| 4. FIRST AID MEASURES. | | | | | | |
| 4.1 General first aid measures: | No special requirements. | | | | | |
| 4.2 First aid eyes: | Immediately irrigate with eye wash solution or clean water. Seek medical attention if symptoms develop. | | | | | |
| 4.3 First aid skin: | Wash immediately with soap and water. | | | | | |
| 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. | | | | | |
| 5. FIRE FIGHTING MEASURES: | | | | | | |
| 5.1 Fire fighting: | Low fire hazard. Aqueous dispersions will not burn. Dry films maybe combustible. Water, foam, Carbon Dioxide or dry powder extinguishers are all suitable. | | | | | |
| 6. ACCIDENTAL RELEASE MEASURES: | | | | | | |
| 6.1 Personal precautions: | No special requirements. | | | | | |
| 6.2 Environmental precautions: | Spillages should not be washed into watercourses. Dispose in accordance with local authority laws. | | | | | |



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| 6.3 Methods for cleaning up: | Pump up large spillages. Use absorbent substances such as sand or soil for smaller spillages. | | | |
| 6.4 Additional information: | No dangerous materials are released. | | | |
| 7. HANDLING AND STORAGE: | | | | |
| 7.1 Handling: | No special precautions are necessary when handled in accordance with good industrial safety and hygiene practices. Small amount of volatile organic compound may accumulate in the headspace of drums and vessels. Refer to sections 5 and 6 for fire and spillage precautions. | | | |
| 7.2 Storage: | Store at temperatures above 7°C to avoid frost damage. No special common storage facilities required. Not classified according to the regulation on flammable liquids. | | | |
| 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION: | | | | |
| 8.1 Exposure limits: | No exposure limits have been assigned to this preparation. | | | |
| 8.2 Occupational exposure controls: | 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. | | | |
| 8.3 Personal protection: | Respiratory- wear a suitable facemask if spraying. Filter A recommended. Hand- Wear protective gloves, if risk of skin contact. This product is a preparation therefore specific resistance of gloves cannot be given. The manufacturer should give penetration time through the glove material. Nitrile gloves are recommended. Eye- Goggles, if risk of splashing. Skin- Industrial overalls if risk of splashing. | | | |
| 8.4. Exposure limits. | Occupational exposure limits Unit. | | | |
| Cas N° | Component | TLV | PEL | |
| 8.5 Environmental exposure: | | See section 6. | | |
| 9 PHYSICAL AND CHEMICAL PROPERTIES: | | | | |
| 9.1 Physical state: | | Liquid. | | |
| 9.1.1 Colour: | | White. | | |
| 9.1.2 Smell: | | Characteristic. | | |
| 9.2 pH: | | 4.5 – 5.5 | | |
| 9.2.1 Boiling Point/ boiling range: | | 100°C | | |
| 9.2.2 Melting point/melting range: °C | | Not determined. | | |
| 9.2.3 Flash point: °C | | Not applicable. | | |
| 9.2.4 Flammability °C: | | None flammable. | | |



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| 9.2.5 Explosive properties: | Product is none explosive. |
| 9.2.6 Oxidising properties: | Not determined. |
| 9.2.7 Vapor pressure at 20°C: mmHg | Not measured. |
| 9.2.8 Relative density: g/cm ³ @20°C | 1.04 |
| 9.2.9 Solubility in water: | Fully miscible. |
| 9.2.10 Viscosity at 20°C (Approximate) | 1400 cps |
| 9.2.11 Solids content: (Approximate) | 56% |
| 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. |
| 10. STABILITY REACTIVITY: | |
| 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. |
| 11. TOXICOLOGICAL INFORMATION: | |
| 11.1 Acute toxicity: Substance present (see section 2) LD ₅₀ Oral-rat mg/kg LD ₅₀ 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. | |
| 12. ECOLOGICAL INFORMATION: | |
| 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: | Fully miscible with water, therefore will progressively be diluted in waterways. The polymer is biodegradable in anaerobic sewage digestion. Biological Oxygen demand may be harmful to aquatic organisms. |
| 13. DISPOSAL CONSIDERATIONS: | |
| 13.1 Disposal: | This product is not classified as hazardous waste. The product can be coagulated and separated for landfill or incineration. Do not run off liquid into waterways. Dispose in accordance with local authority requirements. Small quantities maybe disposed with household rubbish. |
| 13.2 Uncleaned packages. | Contaminated packages should be disposed of according to local authority regulations. |
| 13.3 Cleaning agents and recycling: | Water may be use as a cleaning agent. Clean packages may then be re-cycled. |
| 14 TRANSPOT INFORMATION: | |
| 14.1 Transport: | Not classified as hazardous for transport. |
| 14.2 UN Number: | |
| 14.3 UN Class: | |



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| 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) | |
| 15. REGULATORY INFORMATION: | |
| 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: | None. |
| 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. |
| 16. OTHER INFORMATION: | |
| 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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