

Material Safety Data Sheet

Infosafe No™ 1RLKR Issue Date :December 2005 ISSUED by RLA

Product Name **ROBERTS SUPER DOUBLE-BOND TAPE**

Not classified as hazardous

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ROBERTS SUPER DOUBLE-BOND TAPE
Product Code R50-350
Product Use For the seaming of woven carpets in double-bond situations.
Company Name RLA POLYMERS PTY. LTD. (ABN 004 709 915)
Address 215 COLCHESTER ROAD KILSYTH
VIC. 3137
Emergency Tel. AH (03) 9270 5700
Telephone Tel: (03) 9728 1644
Number/Fax Fax: (03) 9728 6009
Other Information This MSDS summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Solid
Characterization
Information on Composition Blend of hydrocarbon wax, resin and ethylenevinyl acetate polymer on fibreglass and paper.
Ingredients

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
Hot melt adhesive	Trade secret	70-90 %		
Fibreglass scrim	Not applicable	5-10 %		
Silicone release paper	Not applicable	5-10 %		

3. HAZARDS IDENTIFICATION

Not classified as hazardous according to NOHSC (National Occupational Health & Safety Commission).

Chronic Effects Repeated or prolonged contact of the tape or solid hot melt with the skin may cause irritation. Repeated or prolonged breathing of the vapours of the molten hot melt may cause an allergic response, and induce asthma-like sensitisation.

Inhalation High concentrations of hot melt vapours may cause headaches, dizziness and irritation to the nose and throat. Repeated or prolonged breathing of vapours may cause asthma-like symptoms.

Ingestion Repeated swallowing of the heat bond tape is unlikely to occur. If it does occur the fibreglass in the scrim may cause irritation to the mouth, throat, and stomach. If the solid hot melt is swallowed repeatedly, gastric irritation may occur. If the molten hot melt is swallowed severe burns to the mouth, throat, and stomach will result.

Skin Molten hot melt splashed onto the skin can cause severe burns resulting in permanent damage.

Eye High concentrations of vapours from molten hot melt may cause irritation. Molten hot melt splashed into the eye may cause permanent injury including loss of sight.

4. FIRST AID MEASURES

Inhalation If vapours from the molten hot melt are inhaled in large quantities, remove victim to fresh air. Recovery should be rapid after removal from exposure. If symptoms persist, seek medical assistance/advice.

Ingestion Swallowing of the heat bond tape is unlikely to occur. If it does occur, the fibreglass in the scrim may cause irritation to the mouth and throat and stomach. Seek medical assistance. If a small amount of solid hot melt is swallowed, no ill effects should occur. If molten hot melt is swallowed; Keep patient quiet, Do not induce vomiting AND SEEK MEDICAL ASSISTANCE IMMEDIATELY.

Skin If a large amount of molten hot melt comes in contact with the skin, cool under running water. Do not attempt to remove the material. SEEK MEDICAL ASSISTANCE IMMEDIATELY.

Eye If molten hot melt comes into contact with the eyes, cool by irrigating with a copious quantity of water. Do not attempt to remove the material. SEEK MEDICAL

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Advice to Doctor ASSISTANCE IMMEDIATELY.
Treat symptomatically. Depending on the degree of exposure, periodic medical examination is indicated. Refer to ophthalmologist. Use anaesthetic eye drops.
Can cause corneal burns.

5. FIRE FIGHTING MEASURES

Specific Hazards Low hazard Decomposes on heating emitting noxious fumes. Extinguish fire with the following: Use CO₂, dry chemical or foam. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion. Hazardous decomposition products of heating and/or burning: Carbon dioxide Carbon monoxide

Decomposition Temp. >180°C.

Flash Point >200°C.

Flammable Limits LEL Not applicable.

Flammability Combustible. Will burn if involved in a fire but not considered to be a significant fire risk.

Explosion Data Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal No special procedures required.
Normally suitable for disposal or incineration by an approved agent. If hot melt is molten, allow to solidify before scraping up, and placing into sealable metal containers for incineration/disposal. Containers should be labelled appropriately. Advise authorities of possible floating, non-toxic solid substances if material enters watercourse or sewer.

7. HANDLING AND STORAGE

Storage Store in well ventilated area. Store in a cool, dry place. Store in original containers. Transport in original containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Other Exposure Information The molten hot melt contains very small amounts of paraffin vapour and ethylacetate monomer which may be liberated during usage. These may cause discomfort when working in a confined area. Increased ventilation under these circumstances may be advisable. PARAFFIN (FUME): ACGIH TLV:TWA 2mg/m³. ETHYLENE VINYL ACETATE MONOMER: ACGIH TLV:TWA 10p.p.m.

Personal Protective Equipment Wearing of the following personal protective equipment may be advisable. Heat insulating gloves. Suitable respirator.
Avoid inhaling the hot melt vapour when working in a confined area. Avoid skin contact with the molten hot melt.

Eng. Controls Use in a well ventilated area only.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Orange waxy beads of hot melt spread on a fibreglass scrim with a paper backing.

Decomposition Temperature >180°C.

Melting Point 80 - 120 Degs.C. (Hot melt).

Boiling Point Not established.

Specific Gravity (H₂O=1) Approx. 0.97 (Hot melt)

Vapour Pressure Not available.

Vapour Density (Air=1) Not applicable.

Viscosity Approx. 10,000 cps. at 180 Degs.C. (Hot melt).

Volatile Component Not applicable.

Flash Point >200°C.

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Flammability Combustible. Will burn if involved in a fire but not considered to be a significant fire risk.
Flammable Limits Not applicable.
LEL
Explosion Properties Not applicable.

10. STABILITY AND REACTIVITY

Stable under normal storage and handling conditions.

Hazardous Reaction CONDITIONS TO AVOID:Heat(greater than 60°C). INCOMPATIBLE MATERIALS:Strong oxidisers. HAZARDOUS POLYMERISATION:Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information The following data refer specifically to the hot melt on the tape: ACUTE ORAL TOXICITY: Very low in solid form;low in molten form. ACUTE DERMAL TOXICITY:Very low in solid form;low in molten form. ACUTE INHALATION TOXICITY:Very low in solid form;low in molten form. SKIN IRRITATION:Very low in solid form;severe in molten form. SKIN SENSITISATION:Very low in solid form;severe in molten form. EYE IRRITATION:Very low in solid form;severe in molten form.

Inhalation High concentrations of hot melt vapours may cause headaches,dizziness and irritation to the nose and throat. Repeated or prolonged breathing of vapours may cause asthma-like symptoms.

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Chronic Effects Repeated or prolonged contact of the tape or solid hot melt with the skin may cause irritation. Repeated or prolonged breathing of the vapours of the molten hot melt may cause an allergic response,and induce asthma-like sensitisation.

12. ECOLOGICAL INFORMATION

Information on Ecological Effects Non-biodegradable.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Storage and Transport Not classified as dangerous.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Contact Person/Point In Australia: RLA Polymers Pty. Ltd. - Group Operations Manager: 03 9728 1644 (Business Hours)
For emergency information outside normal business hours, please ring:
SECURITY MONITORING 13 15 18
They will contact the relevant personnel.

The information herein is given in good faith, but subject to the Trade Practices Act 1974, no warranty, expressed or implied, is made.
RL207

Last Change Date of last revision: 5/12/05

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