

# Material Safety Data Sheet

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Infosafe no. IRL7Z Issue Date 1/5/15  
Product Name : BROOKS HEATBOND TAPE  
(G.P,SiliconRelease, GoldFoil, DualBond Cold Seam. )

Not Classified as Hazardous according to criteria of NOHSC

## COMPANY DETAILS

Company name : G.R. BROOKS INDUSTRIES P/L ABN 12 618 373 616  
4/38 GREEN STREET DOVETON VIC. 3177  
PH/FAX 03 9708 5899

## OTHER INFORMATION

This MSDS Summarises to the best of our knowledge the health hazard information of the product and how to safely handle and use the product in the workplace.

## IDENTIFICATION

Product Code Pet 120  
Product Name Brooks Heatbond Tape ( General Purpose)  
Proper Shipping Name None Allocated  
UN Number None Allocated  
DG Class None Allocated  
Packing Group None Allocated  
Hazchem Code None Allocated  
Poisons Schedule Not Scheduled  
Product Use A general purpose tape suitable for use on primary and secondary backed carpets.

## PHYSICAL DATA

Appearance Orange waxy beads of hot melt spread on a fiberglass scrim with a brown crepe Paper backing.  
Melting Point 80 - 120 Degs.C, (hot melt)  
Boiling point Not established  
Vapour Pressure Not established  
Specific gravity 0.97 (hot melt)  
Flash point > 200 Degs.C. ( hot melt)  
Flamm.limit LEL Not applicable  
Explosion Data Not applicable  
Solubility in water Insoluble

## Other Properties

Volatile Not applicable  
Componant  
Viscosity 10,000 cps at 180 degs. C. (hot melt)  
Form Solid  
Decomposition Temp. > 180 degs.C. (hot melt)

## Ingredients

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Hot melt adhesive	Trade secret	60 –80 %
	Crepe kraft paper	Not applicable	10 – 20 %
	Fibreglass Scrim	Not applicable	5 – 15 %

Information on Composition Blend of hydrocarbon Wax ,Resin and ethelene vinyl acetate polymer on Fibreglass and paper.

## HEALTH HAZARD INFORMATION

Health Effects

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**Acute-Swallowed**, Repeated swallowing of the heatbond tape is unlikely to occur. If it does occur the fiberglass 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 hotmelt is swallowed severe burns to the mouth, throat, and stomach will result.

**Acute-eye**, High concentrations of vapours from molten hotmelt may cause irritation. Molten hotmelt splashed into the eye may cause permanent injury including loss of sight.

**Acute- skin**, Molten hotmelt splashed onto the skin can cause severe burns resulting in permanent damage.

**Acute-Inhaled**, High concentrations of hotmelt vapours may cause headaches, dizziness and irritation to the nose and throat. Repeated or prolonged breathing of vapours may cause an allergic response, and induce asthma-like sensitization.

## FIRST AID

**Swallowed** Swallowing of the heat bond tape is unlikely to occur. If it does occur, the fiberglass in the scrim may cause irritation to the mouth, throat and stomach. Seek medical assistance. If a small amount of solid hotmelt is swallowed, no ill effects should occur. If molten hotmelt is swallowed, keep patient quiet, Do not induce vomiting and SEEK MEDICAL ASSISTANCE IMMEDIATELY.

**Eye** If molten hotmelt comes in contact with the eyes, cool by irrigating with a copious quantity of water. Do not attempt to remove the material. SEEK MEDICAL ASSISTANCE IMMEDIATELY.

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

**INHALED** If vapours from the molten hotmelt 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.

## ADVICE TO DOCTOR

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

## **Other health hazard information**

### PRECAUTIONS FOR USE

**Other Exposure Info.** The molten hotmelt 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/m<sup>3</sup>.

ETHELENE VINYL ACETATE MONOMER : ACGIH TLV: TWA 10p.p.m.

**Eng.Controls** Use in a well ventilated area only.

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## Personal Protection

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

## FLAMMABILITY

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

**Other precautions** The relation between odour and exposure limit cannot be indicated.

## SAFE HANDLING INFORMATION

### **Storage and Transport.**

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

**Proper shipping** None allocated.

**Name**

**EPG Number**

**IERG Number**

## SPILLS AND 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 appropriately. Advise authorities of possible floating, non-toxic solid substances if material enters watercourse or sewer.

## FIRE/EXPOSION HAZARD

**Fire/expol. hazard** 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.

**Hazardous** CONDITIONS TO AVOID ; Heat ( greater than 50 degsC ),

**Reaction** INCOMPATABLE MATERIALS: Strong oxidizers . HAZARDOUS POLYMERIZATION ; Will not occur.

**Hazchem code.** None Allocated.

**OTHER INFORMATION- Toxicology** 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 insolid 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. **Information on Ecological Effects.** Avoid contaminating waterways. **Manufacturers advice** Refer to Technical data sheet for specific user information.....( The information herein is given in good faith , but subject to the Trade Practices Act 1974 , no warranty , expressed or implied , is made.  
.END OF REPORT