

752 - 30425001

SAFETY DATA SHEET

PATENT KNOTTING

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

PRODUCT NAME: PATENT KNOTTING
PART No.: POKT
SUPPLIER: J.V. Barrett & Co. Ltd
Barretine Works, St Ivel Way
Warmley
Bristol BS30 8TY
Tel: 0117 960060
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2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
ETHANOL			30-50 %
64-17-5	200-578-6	F R-11	

The Full Text for all R-Phrases are Displayed in Section 18

3. HAZARDS IDENTIFICATION

Highly flammable.

4. FIRST AID MEASURES

INHALATION:

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Place unconscious person on the side in the recovery position and ensure breathing.

INGESTION:

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

SKIN:

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

EYES:

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Use: Water spray, fog or mist. Alcohol resistant foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES:

Move container from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water. Cool containers exposed to flames with water until well after the fire is out. Avoid water in straight hose stream; will scatter and

spread fire.

UNUSUAL FIRE & EXPLOSION HAZARDS: Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back. Heat may cause the containers to explode.

HAZARDOUS COMBUSTION PRODUCTS: Fire creates: Carbon dioxide (CO₂), Carbon monoxide (CO).

PROTECTIVE MEASURES IN FIRE: Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION IN SPILL: Wear suitable protective clothing as specified under section 8 of this safety data sheet - Exposure Controls and Personal Protection.

PRECAUTIONS TO PROTECT ENVIRONMENT: Do not allow spilled material to enter drains or water courses.

SPILL CLEANUP METHODS: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Inform Authorities if large amounts are involved. Runoff or release to sewer, waterway or ground is forbidden. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Risk of vapour concentration on the floor and in low lying areas. Static electricity and formation of sparks must be prevented. Use explosion proof electric equipment.

STORAGE PRECAUTIONS: Ground container and transfer equipment to eliminate static electric sparks. Keep away from heat, sparks and open flame. Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

STORAGE CRITERIA: Flammable liquid storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
ETHANOL	64-17-5	OES	1000 ppm	No std.
INGREDIENT COMMENTS:	OES = Occupational Exposure Standard.			
PROTECTIVE EQUIPMENT:				



VENTILATION: Well ventilated area. Explosion-proof general and local exhaust ventilation.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES: Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

EYE PROTECTION: If risk of splashing, wear safety goggles or face shield.

HYGIENIC WORK PRACTICES: **DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or

contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate hand lotion to prevent defatting and cracking of skin. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid.

SOLUBILITY DESCRIPTION: Insoluble in water.

FLASH POINT (°C): <21 Method: CC (Closed cup).

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid contact with: Strong mineral acids. Oxidising materials. Strong alkalis.

HAZARDOUS DECOMP. PRODUCTS: Fire creates: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION

INHALATION: Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse effects such as irritation of the mucous membranes and the respiratory system and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

INGESTION: May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause dizziness, headaches, nausea, sickness, vomiting and diarrhoea.

SKIN: Prolonged or repeated skin contact with the product may cause removal of natural fats from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

12. ECOLOGICAL INFORMATION

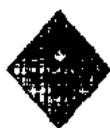
ECOLOGICAL INFORMATION: No data on possible environmental effects have been found.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UK ROAD TRANSPORT CLASS: 3
 UK ROAD PACK GR.: II
 ADR CLASS No.: 3
 ADR CLASS: Class 3: Flammable liquids.
 ADR ITEM No.: 31(c)
 ADR MARGINAL: 2301
 ADR LABEL No.: 3
 HAZCHEM CODE: 3[Y]
 CEFIC TEC(R) No.: 30G80
 PROPER SHIPPING NAME I: PAINT or PAINT RELATED MATERIAL
 RID CLASS No.: 3
 RID ITEM No.: 31(c)
 UN No. SEA: 1263
 IMDG CLASS: 3
 IMDG PACK GR.: II
 EmS No.: 3-06
 MFAG TABLE No.: See Guide
 MARINE POLLUTANT: No.
 UN No., AIR: 1263
 ICAO CLASS: 3
 AIR PACK GR.: II

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES: R-11 Highly flammable.
SAFETY PHRASES: S-16 Keep away from sources of ignition - No Smoking.
 S-2 Keep out of the reach of children.
 S-46 If swallowed, seek medical advice immediately and show this container or label.
 S-51 Use only in well-ventilated areas.

S-56 Dispose of this material and its container to hazardous or special waste collection point
S-9 Keep container in a well-ventilated place.

16. OTHER INFORMATION

REV. No./REPL. SDS GENERATED: 001

R-PHRASES (Full Text): R-11 Highly flammable.