

Safety Data Sheet

DATE : 01 : 07 : 2002

REVISION (see box 16)


ISSUE NO : 06

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME	: SEALING FLUID
DESCRIPTION	: A light-blue coloured liquid with a solvent-type odour. Used to seal Rentokil Bird Repellent Strip to reduce the risk of entanglement by birds.
COMPANY	: Rentokil Initial UK Ltd, Pest Control Division, Felcourt, East Grinstead, West Sussex. RH19 2JY. England. Telephone: +44 (0)1342 833022 Facsimile: +44 (0)1342 326229.

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF PRODUCT (SUPPLY - Use)	UK CHIP 3 (The Chemicals (Hazard Information and Packaging for Supply) Regulations, 2002) / EC Directive 1999/45.	DANGER SYMBOL (UK CHIP 3) : (Black on orange background)
X_n - HARMFUL	: R20/21 : Harmful by inhalation and in contact with skin.	 HARMFUL
X_i - IRRITANT	: R38 : Irritating to skin.	
FLAMMABLE	: R10 : Flammable.	
ADVERSE PHYSICOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS (see also box 11) :		
Avoid contact with oxidising agents and strong acids. Hazardous decomposition products include carbon monoxide and carbon dioxide.		
Inhalation of vapours may result in nausea, headache and dizziness, coughing, irritation of the throat and shortness of breath. Ingestion may result in nausea, vomiting and possibly abdominal pain. Contact with eyes may cause irritation and redness. In severe cases may cause mental confusion, unconsciousness and convulsions may occur.		
Adverse effects on the environment are unlikely, provided that the product is used as intended.		

3. COMPOSITION / INFORMATION ON INGREDIENT(S)

% w/w	COMMON*/CHEMICAL NAME, ELINCS / EINECS AND CAS No OF INGREDIENT(S)	UK CHIP 3 / EC 1999/45 CLASSIFICATION OF INGREDIENT(S)
> 50 ≤ 100	Xylene* CAS: 1330-20-7	X_n - Harmful : R20/21 : Harmful by inhalation and in contact with skin. F - Flammable : R10 : Flammable. X_i - Irritant : R38 : Irritating to skin.

4. FIRST-AID MEASURES (see also "adverse effects" in box 2)

INHALATION (Breathing)	: Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention.
EYE CONTACT	: Rinse affected eye with clean running water, or eyewash solution, for at least 15 minutes holding eyelids well apart. Rinse entire surface and do not allow run-off to contaminate unaffected eye. Seek medical attention.
SKIN CONTACT	: Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.
INGESTION (Swallowing)	: Do NOT induce vomiting. If unconscious place in the recovery position and apply supportive measures if necessary. If conscious give patient up to 1 pint of water to drink. Seek medical attention.
EMERGENCY EQUIPMENT SUGGESTED	: Appropriate first-aid equipment should be provided. For the UK this should be in accordance with the Health & Safety (First-Aid) Regulations 1981. See also the Approved Code of Practice "First-aid at Work".
NOTE TO DOCTOR	: For further information contact the National Poisons Information Service in the UK.

5. FIRE-FIGHTING MEASURES

FIRE EXTINGUISHER - TYPES	: Use carbon dioxide, foam or dry chemical extinguishers. DO NOT use water.
SPECIAL FIRE-FIGHTING PROCEDURES	: Wear self-contained breathing apparatus and suitable personal protective equipment.
SPECIAL EXPOSURE HAZARDS	: Hazardous decomposition products include carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS (see also box 8)	: Wear suitable personal protective equipment.
PROCEDURE (see also box 13)	: Remove all sources of ignition and ventilate area. Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal. DO NOT contaminate watercourses or ground.

7. HANDLING AND STORAGE (see also box 8)

HANDLING	: Keep away from sources of ignition.
STORAGE	: Store in original container in a cool, dry, ventilated place out of reach of children and away from food, drink and animal feeding stuffs. Store away from sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (see also box 7)

OCCUPATIONAL EXPOSURE LIMITS	: OES for xylene is 441 mg/m ³ long-term exposure (8 hour Time Weighted Average) and 662 mg/m ³ short-term exposure (15 minute reference period). Xylene can be absorbed through the skin.
ENGINEERING CONTROLS	: Where prevention of exposure is not reasonably practicable, adequate control of exposure should be achieved by engineering controls rather than the provision of personal protective equipment and clothing. More specific details cannot be given without carrying out a full risk assessment for each and every use scenario. Suitable and approved personal protective equipment and clothing may include the following item(s):
EYE PROTECTION	: Wear suitable eye protection such as goggles.
HAND PROTECTION	: Wear suitable hand protection such as synthetic rubber/PVC gloves.
SKIN PROTECTION	: Wear suitable skin protection such as coveralls.
BREATHING PROTECTION	: None necessary under normal working conditions.
ENVIRONMENTAL EXPOSURE CONTROLS	: Product should be used in accordance with instructions given in Pest Control Technical Manual and any spillage should be dealt with as a priority in order that contamination of watercourses or ground is avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOUR	: A light-blue coloured liquid with a solvent type odour.		
FLASH POINT	: >21°C but <55°C.	SOLUBILITY IN WATER	: Not determined.
FLAMMABILITY	: Flammable.	SOLUBILITY IN FAT	: Not determined.
AUTOFLAMMABILITY	: Not determined.	PARTITION COEFFICIENT	: Not applicable.
VAPOUR PRESSURE	: Not determined.	BOILING POINT/RANGE	: 140-144°C.
SPECIFIC GRAVITY	: Approximately 0.85 at 20°C.	MELTING POINT/RANGE	: Not applicable.
OXIDISING PROPERTIES	: None known.	pH	: Not applicable.
EXPLOSIVE PROPERTIES	: None known.	VAPOUR DENSITY	: Not determined.
VISCOSITY	: Not determined.	EVAPORATION RATE	: Not determined.
OTHER DATA	: None known.		

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	: Avoid sources of ignition and extremes of temperature e.g. below 0°C and above 40°C.
MATERIALS TO AVOID	: Avoid contact with oxidising agents and strong acids.
HAZARDOUS BREAKDOWN PRODUCTS	: Hazardous decomposition products include carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION (see also box 2)

ACUTE TOXICITY	Oral	: Ingestion may result in nausea, vomiting and possibly abdominal pain.
	Inhalation	: Harmful by inhalation. Inhalation may result in nausea, headache and dizziness, coughing, irritation of the throat and shortness of breath.
	Dermal	: Harmful in contact with skin.
CORROSIVITY / IRRITATION	Skin	: Irritating to skin.
	Eyes	: Product may cause irritation and redness to the eyes.
	Respiratory tract	: Vapours may irritate respiratory system or lungs. Repeated exposure may cause chronic upper respiratory irritation.
SENSITISATION	Skin	: Contains no known skin sensitisers.
	Respiratory	: Contains no known respiratory sensitisers.
REPEATED-DOSE TOXICITY		: Product does not contain any components known to have any effects relating to repeated-dose toxicity.
MUTAGENICITY		: Product does not contain any components known to have a mutagenic effect.
CARCINOGENICITY		: Product does not contain any components known to have a carcinogenic effect.
REPRODUCTIVE TOXICITY	Fertility	: Product does not contain any components known to be toxic to the reproductive system, and having effects on fertility.
	Developmental	: Product does not contain any components known to be toxic to the reproductive system, and having effects on development.
OTHER INFORMATION		: No specific antidote known.

12. ECOLOGICAL INFORMATION

GENERAL INFORMATION	: The full ecotoxicological profile of this product has not been evaluated. Do not contaminate the environment.
ECOTOXICITY DATA	: Harmful to the environment if discharged into watercourses in large quantities.
MOBILITY (of appropriate constituents)	: No available data.
PERSISTENCE AND DEGRADABILITY (of appropriate constituents)	: No available data.
BIOACCUMULATIVE POTENTIAL (of appropriate constituents)	: No available data.
ENVIRONMENTAL CONSIDERATIONS	: DO NOT contaminate watercourses or ground. This product does not contain any substances that are classified as dangerous to the environment. Thus, when supplied, used and disposed of as directed this product is not expected to present a danger to the environment.
OTHER ADVERSE EFFECTS	: None known.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTE	: Waste should be disposed of in accordance with local, State or National requirements.
DISPOSAL OF CONTAINERS	: Empty containers should be disposed of in accordance with local, State or National requirements.
UK SPECIAL WASTE REGULATIONS, 1996	: <u>Hazard Code</u> : H3B - Flammable, H5 - Harmful, H4 - Irritant. <u>Components making the waste special and their concentrations</u> : % w/w Xylene > 50 ≤ 100
NOTE FOR DISPOSAL	: Disposal should be in accordance with local, State or National requirements. For further advice about disposal, in the UK, contact the local office of the Environment Agency (England and Wales) or Scottish Environment Protection Agency. Local rate from anywhere in the UK: 0845 9333 111.

14. TRANSPORT INFORMATION (International unless otherwise indicated)

<u>UN NUMBER</u> : 1263	<u>UK HAZCHEM EAC</u> : 3Y	<u>ADR HIN</u> : 30
<u>UK CDGRoad Transport Category</u> : 3	<u>Tremcard Reference No.</u> :	<u>IMDG EMS</u> : 3-06
	<u>CEPIC TEC (R)</u> - 30G80	
<u>UK CDGCPL2 CARRIAGE</u> :		
CLASS :	3	
PROPER SHIPPING NAME :	Paint Related Material.	
PACKING GROUP :	III	
LIMITED QUANTITY EXEMPTIONS :	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 40 kg.	
SPECIAL REQUIREMENTS :	Not required.	
LABELS :	Flammable Liquid unless supplied under Limited Quantity Exemptions.	
<u>IMDG 2000 (SEA) CARRIAGE</u> :		
CLASS :	3	
PROPER SHIPPING NAME :	Paint Related Material.	
PACKING GROUP :	III	
LIMITED QUANTITY EXEMPTIONS :	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 40 kg. Combination packs only.	
SPECIAL REQUIREMENTS :	Not required.	
LABELS :	Flammable Liquid unless supplied under Limited Quantity Exemptions.	
<u>ADR 2001 (ROAD) CARRIAGE</u> :		
CLASS :	3	
PROPER SHIPPING NAME :	Paint Related Material.	
PACKING GROUP :	III	
LIMITED QUANTITY EXEMPTIONS :	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 45 litres. Combination packs only.	
SPECIAL REQUIREMENTS :	Not required .	
LABELS :	Flammable Liquid unless supplied under Limited Quantity Exemptions.	

15. REGULATORY INFORMATION

INDICATION OF DANGER	HEALTH AND SAFETY INFORMATION (see also box 2)
X_n - HARMFUL : R20/21 : Harmful by inhalation and in contact with skin.	
X_i - IRRITANT : R38 : Irritating to skin.	
FLAMMABLE : R10 : Flammable.	
SAFETY PHRASES : S36/37 : Wear suitable protective clothing and gloves.	
S43 : In case of fire, use carbon dioxide, foam or dry chemical extinguishers. Never use water.	
S46 : If swallowed, seek medical advice immediately and show this container or label.	
S60 : This material and its container must be disposed of as hazardous waste.	
LEGISLATION :	This product is classified, in the UK, under The Chemicals (Hazard Information and Packaging for Supply) Regulations, 2002 (CHIP 3), as dangerous for supply. This product is classified, in the UK, under the Carriage of Dangerous Goods (Classification, Packaging and Labelling) and Use of Transportable Pressure Receptacles CDGCPL2 Regulations 1996, as dangerous for carriage.

16. OTHER INFORMATION and indication of revisions

The information given on this Safety Data Sheet (SDS) does not constitute an assessment in accordance with the Control of Substances Hazardous to Health (COSHH) Regulations 1999.
Changes have been made to the content of boxes 2, 3, 8, 9, 11, 12, 14, 15 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 05.

SDS No. 112

SEALING FLUID - CHIP

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Before using any product, ensure that you read and understand its label. The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Rentokil Initial UK Ltd is not liable for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.
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