

EUROPEAN SAFETY DATA SHEET

SAFETY DATA SHEET

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HumiSeal UV40-250 Solar

Revision 1
Revision date 26-Mar-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name HumiSeal UV40-250 Solar
Company HumiSeal Europe
 Alasan House
 Albany Park
 Frimley Road
 Camberley
 Surrey
 GU16 7PH
 United Kingdom
Telephone +44 (0)127 6691100
Fax +44 (0)127 6691227

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
n-Butyl acetate (Butyl acetate)	0.5-1%	123-86-4	204-658-1	R10 R66 R67
Isobornyl acrylate	1-10%	5888-33-5		Xi;R36 Xi;R37 Xi;R38 N;R51/53
aliphatic polyisocyanate	1-10%	28182-81-2	500-060-2	Xi;R43
aliphatic polyisocyanate resin	10-20%			Xi;R36 Xi;R38
2-hydroxy-2-methylpropiophenone	1-10%	007473-98-5		Xn;R22 N;R50/53
Tetrahydrofurfuryl acrylate	10-20%	2399-48-6	219-268-7	Xi; R36/38
Cyclic Trimethylolpropane formal acrylate	10-20%	66492-51-1	266-380-7	Xi; R38-43

3. HAZARDS IDENTIFICATION

Main hazards Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Skin contact Wash off immediately with plenty of soap and water.
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Inhalation Move the exposed person to fresh air.
Ingestion DO NOT INDUCE VOMITING. Seek medical attention.
General information Immediate medical attention is required.

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5. FIRE FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO₂), dry chemical, foam.
Protective equipment Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area.
Environmental precautions Do not allow product to enter drains.
Clean up methods Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

7. HANDLING AND STORAGE

Handling Ensure adequate ventilation of the working area.
Storage Store in original container. Store at temperatures between 5 °C and 25 °C. Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

n-Butyl acetate (Butyl acetate)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: 200	WEL 8-hr limit mg/m ³ : 724 WEL 15 min limit mg/m ³ : 966
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Respiratory protection Wear suitable respiratory equipment when necessary. Wear: Suitable respiratory equipment.

Hand protection Chemical resistant gloves (PVC)

Eye protection Avoid contact with eyes. In case of splashing, wear: Safety glasses.

Protective equipment Avoid contact with eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Liquid.
Colour Yellow.

10. STABILITY AND REACTIVITY

Stability Stable.
Materials to avoid Strong oxidising agents.
Hazardous decomposition products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Corrosivity Irritating to eyes, respiratory system and skin.
Repeated or prolonged exposure Repeated or prolonged exposure may cause dermatitis.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

General information Dispose of as special waste in compliance with local and national regulations.

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HumiSeal UV40-250 SolarRevision 1
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UN 3082	Packing group III
Class 9	Hazard ID 90
Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, .	

IMDG

UN 3082	Packing group III
Class 9	Marine pollutant .
EmS Code F-A S-F	

IATA

UN 3082	Packing group III
Class 9	Subsidiary risk -
Packing Instruction 914 (Cargo)	Maximum quantity 450 L
Packing Instruction 914 (Passenger)	Maximum quantity 450 L

15. REGULATORY INFORMATION

Symbols Xi - Irritant



Risk phrases

- R36/38 - Irritating to eyes and skin.
- R43 - May cause sensitisation by skin contact.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases

- S24 - Avoid contact with skin.
- S37 - Wear suitable gloves.

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16. OTHER INFORMATION

Text of risk phrases in Section 2

R10 - Flammable.
R22 - Harmful if swallowed.
R36 - Irritating to eyes.
R36/38 - Irritating to eyes and skin.
R37 - Irritating to respiratory system.
R38 - Irritating to skin.
R43 - May cause sensitisation by skin contact.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The information provided relates only to the product or material specified and does not apply if used in combination with other materials. Handle and store under inert gas. This product is not properly labelled for sale or use outside the EU.

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