

# EUROPEAN SAFETY DATA SHEET

## SAFETY DATA SHEET

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### HumiSeal UV40 GEL

Revision 0  
Revision date 2-Apr-2009

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

**Product name** HumiSeal UV40 GEL  
**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
N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	1 - 10%	872-50-4	212-828-1	Xi; R36/38

#### 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.  
**Ingestion** DO NOT INDUCE VOMITING. Seek medical attention.  
**General information** Immediate medical attention is required.

Manufactured by: Humiseal Europe,  
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## 5. FIRE FIGHTING MEASURES

**Extinguishing media** Use as appropriate: carbon dioxide (CO<sub>2</sub>), 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 <sup>3</sup> : 724 WEL 15 min limit mg/m <sup>3</sup> : 966
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N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 75	WEL 8-hr limit mg/m <sup>3</sup> : 103 WEL 15 min limit mg/m <sup>3</sup> : 309
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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** Gel.  
**Colour** Yellow.  
**Odour** Pleasant.  
**Flash point** 84°C

## 10. STABILITY AND REACTIVITY

**Stability** Stable.  
**Conditions to avoid** Do NOT allow to freeze.  
**Materials to avoid** Strong oxidising agents.  
**Hazardous decomposition products** Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Repeated or prolonged exposure** Repeated or prolonged exposure may cause dermatitis.

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## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

**General information** Can be incinerated if in compliance with local and national regulations.

## 14. TRANSPORT INFORMATION

## 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.

## 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. Handle and store under inert gas. It is the user's responsibility to be satisfied that the information provided is suitable and complete enough for this materials particular use. This product is not properly labelled for sale or use outside the EU.

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