



**SAFETY DATA SHEET  
BIOHESIVE PRIMER 131**

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

APPLICATION	Adhesive.
SUPPLIER	Aquasign® 4 Points Commercial Centre Craigshaw Road Tullos Aberdeen AB12 3AP +44 1224 897060
EMERGENCY TELEPHONE	+OUT OF OFFICE HOURS ASK FOR HEALTH AND SAFETY [24Hr] 00 44 (0)1224 897060

**2 HAZARDS IDENTIFICATION**

CLASSIFICATION (1999/45)	Xi;R36. F;R11. R67.	
CLASSIFICATION (EC 1272/2008)	Physical and Chemical Hazards	Flam. Liq. 2 - H225
	Human health	Eye Irrit. 2 - H319;STOT SE 3 - H336
	Environment	Not classified.
LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008		



SIGNAL WORD	Danger	
HAZARD STATEMENTS	H225	Highly flammable liquid and vapour.
	H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.
PRECAUTIONARY STATEMENTS	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P271	Use only outdoors or in a well-ventilated area.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P313	Get medical advice/attention.
	P501a	Dispose of contents/container to hazardous waste collection point in accordance with local authority requirements.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

PROPAN-2-OL	90-100%
CAS-No.: 67-63-0	EC No.: 200-661-7
Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 2 - H225	F;R11
Eye Irrit. 2 - H319	Xi;R36
STOT SE 3 - H336	R67

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ISOPROPYL TITANATE		1-10%
CAS-No.: 546-68-9	EC No.: 208-909-6	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.	

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

**4 FIRST-AID MEASURES**

**INHALATION**

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues. If respiratory problems, artificial respiration/oxygen.

**INGESTION**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Immediately rinse mouth and drink plenty of water (200-300 ml). Do not induce vomiting. Get medical attention.

**SKIN CONTACT**

Rinse the skin immediately with lots of water. Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse. To hospital or eye specialist.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapours. Keep up-wind to avoid fumes. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

**SPECIFIC HAZARDS**

Fire or high temperatures create: Oxides of: Carbon.

**PROTECTIVE MEASURES IN FIRE**

Wear full protective clothing. Use air-supplied respirator during fire fighting.

**6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet. In case of inadequate ventilation, use respiratory protection. Avoid inhalation of vapours and contact with skin and eyes.

**ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Do not let washing down water contaminate ponds or waterways.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry and cool place. Keep away from heat, sparks and open flame.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

**PROTECTIVE EQUIPMENT**

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ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level.

HAND PROTECTION

Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid COLOUR Colourless.
ODOUR	Characteristic.
SOLUBILITY	Miscible with water
BOILING POINT (°C)	82°C RELATIVE
DENSITY	0.76 @ 25°C
VAPOUR DENSITY (air=1)	>1 @ 20°C
VAPOUR PRESSURE	4.3 kPa @ 20°C
pH-VALUE, CONC. SOLUTION	7
FLASH POINT (°C)	12°C CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Dries rapidly at room temperature on contact with air (following evaporation of the solvent)

MATERIALS TO AVOID

Strong acids. Strong oxidising substances. Strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours may cause drowsiness and dizziness.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

BIOACCUMULATION

The product is not bioaccumulating.

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## DEGRADABILITY

The product is biodegradable.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

### WASTE CLASS

For this product, in accordance with the European Waste Catalogue (EWC), a catalogue number cannot be given because the customer has to lay down the purpose first. The catalogue number has to be given according to the local waste removal processes.

## 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	ISOPROPANOL SOLUTION
UN NO. ROAD ADR	1219
CLASS NO. ADR	3
PACK GROUP UN	II
NO. SEA	1219
IMDG CLASS	3
IMDG PACK GR.	II
EMS	F-E, S-D
UN NO. AIR	1219
ICAO CLASS	3
AIR PACK GR.	II

## 15 REGULATORY INFORMATION

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

### REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

### ISSUED BY

GK

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REV. NO./REPL. SDS 3

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### RISK PHRASES IN FULL

R11	Highly flammable
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

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### HAZARD STATEMENTS IN FULL

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

### DISCLAIMER

The information provided in this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The 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 process unless specified in the text.