

**ISP Industrial Support Products Ltd**

Material Safety Data Sheet (according 1907/2006/EG)

Revision date: 22.12.2008

**Product:** Gelseal (2 component bags)

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**1. Identification of the substance, the preparation and the company****Trade name:** GELSEAL  
**Product Use:** Encapsulant**Manufacturer:** ISP Industrial Support Products Ltd, Unit B1, Lambs Farm Business Park,  
Basingstoke Road, Swallowfield, Reading, Berkshire, RG7 1PQ

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**2. Risk's**

Eyes	May cause mild irritation.
Skin	May cause mild irritation.
Inhalation	May cause mild irritation.
Ingestion	May cause mild gastrointestinal discomfort.

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**3. Composition and information of the components****Chemical description****Modified Polybutadiene****Contains;** 1-5% N,N,N',N'-Tetrakis (2-hydroxypropyl) ethylenediamine  
CASnr 102-60-3

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**4 First aid measures**

Eyes	Flush eyes with water for 15 minutes. If irritation persists, consult a physician.
Skin	Wash thoroughly with soap and water. Remove clothing and wash before reuse.
Inhalation	May be harmful if inhaled. Move to fresh air. No adverse effects likely.
Ingestion	Drink plenty of water or milk. Do not induce vomiting, Call a physician.

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**5. Fire fighting measures**

Extinguishing media	Use as appropriate CO2, foam, dry chemical or water spray
Fire hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Wear suitable respiratory equipment when necessary.

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### 6. Measures at accidental release of the substance.

Personal precautions	Ensure adequate ventilation of the working area. Evacuate personal to the safe area. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Transfer to suitable containers for disposal. Clean spillage area thoroughly with soap and water.

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### 7. Handling and storage

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

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### 8. Measures for control of exhibition/personal protection

Technical security measures	Ensure adequate ventilation of the working area
Personal security equipment	
Hand protection	Gloves of rubber or plastic.
Eye protection	Eye or face protection.
Body protectio:	Closed working clothes.

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### 9. Physical and chemical properties

Form:	Liquid, after mixing the product will become a gel form.
Colour:	yellow
Sense of smel:	specific
<b>Security data:</b>	
Flash point	175 °C.
Solubility in water	Practically insoluble at 20°C.
Viscosity (25°C.)	approx. 3000 mPas. (mixture)

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### 10. Stability and reactivity

Reactivity	After mixing of the components, a slow reaction occurs.
Circumstances to avoid	Do not heat because thermal decomposition can occur.
At incomplete combustion	CO arise and other detrimental fumes or gases. Decomposition starts above 200 °C.

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**11. Toxicological information**

LD50 orally rat	> 2000 mg/kg.
Eyes	May cause mild irritation.
Skin	May cause mild irritation.
Inhalation	May cause mild irritation.
Ingestion	May cause mild gastrointestinal discomfort.

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**12. Ecological information**

Fluids	Don't let the product reach the ground water, water course or sewage system.
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**13. Instructions for disposal**

Fluids	Must be treated specially, according to the local government regulations, for example, to be burned in a suitable combustion installation.
Fixed substances	Can be disposed as garbage in conformity with local government regulations.

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**14. Transport information**

NOT REGULATED FOR TRANSPORT

**15. Regulatory information**

This material is not classified as hazardous.

**16. Other information**

This product must be stored and used in accordance with justified procedures and legal safety regulations. This information data is based on our present knowledge and describes our product with a view about security at use.

These data is not a guaranteed specification.

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