



COSHH Data Sheet

Magply® FR Intumescent Sealant

1. Identification of the Substance/Mixture and of the company undertaking

1.1. Product Identifier

Trade Name

MAGPLY FR INTUMESCENT SEALANT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified Uses

Sealant used in passive fire protection

1.3. Details of the supplier of the safety data sheet

IPP Ltd

Bradwell Hall

Bradwell on Sea

Essex CM0 7HX

Tel: 0044 (0)1621 776252,

Fax: 0044 (0)1621 776688

1.4. Emergency telephone number

In case of emergency, contact toxicological information, emergency tel 112

For non-emergency poison information, see

http://who.int/phe/chemical_safety/poisons_centres/en/

2. Hazards Identification

2.1. Classification of the substance or mixture

Classification in accordance with 1272/2008

Upon assessment, this mixture is not classified as hazardous according to 1272/2008

2.2. Label elements

Label information in accordance with 1272/2008

Hazardous pictograms – Not applicable

Signal Words – Not applicable

Hazardous statements – Not applicable

2.3. Other hazards

Not relevant

3. Composition/Information on Ingredients

This product is a pastous mixture

3.1. Mixtures

The product contains no substances nor concentration levels thereof, that require marking or need to be declared.

4. First Aid Measures

4.1. Description of first aid measures

Upon breathing in

Let the injured person rest in a warm place with fresh air; if symptoms persist, call a doctor/physician.

Upon contact with the eyes

As a precaution, rinse the eye thoroughly with water; if symptoms occur, call a doctor/physician

Upon skin contact

Normal washing of the skin is considered sufficient; if, nevertheless, symptoms do occur, contact a doctor/physician

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Upon ingestion

First, rinse the mouth thoroughly with a lot of water and SPIT OUT the water. Then drink at least ½ litre of water. If symptoms persist, call a doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Information on symptoms are ambiguous or missing for this product

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment

5. Fire Fighting Measures

5.1. Extinguishing media

Extinguish with materials intended for the surrounding fire

5.2. Special hazards arising from the substance or mixture

Produces fumes containing harmful gases (carbon monoxide and carbon dioxide) when burning and in case of incomplete combustion, aldehydes and other toxic, harmful, irritant or environmentally harmful substances.

This product is not hazardous in the flammable sense.

5.3. Advice for fire fighters

In case of fire, use a respirator mask

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use suitable allergy-tested protective gloves when cleaning up

Dust filter IIB (P2) may be required when cleaning up

In case of spillage in protected water, call the emergency services immediately, tel 112 (in Europe)

Do not inhale the product and avoid exposure to skin and eyes

6.2. Environmental precautions

At amounts considered in this case, the product may be released into the natural environment without serious environmental consequences. Large emissions should, however, be reported to the emergency services and the Environment Agency.

6.3. Methods and material for containment and cleaning up

Carefully collect the material for combustion waste disposal then wash the spillage area with water.

Avoid stirring the material up so that it aerates.

Contaminated products should be treated as chemical waste and declared as non-hazardous goods.

6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

7. Handling and Storage

7.1. Precautions for safe handling

Treat the substance as potentially harmful to health.

Do not eat, drink or smoke in premises where this product is stored

7.2. Conditions for safe storage including any incompatibilities

Store in a cool and dry place (above freezing temperature and not greater than 30°C).

Handle in premises which have modern ventilation standards.

Store in a well-ventilated area, not above eye-level.

Store only in the original package.

7.3. Specified end uses

Not relevant

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8. Exposure Controls / Personnel Protection

8.1. Control parameters

8.1.1. National limit values, United Kingdom

All ingredients (cf. Section 3) lack occupational exposure limit values.

8.2. Exposure controls

In terms of minimising risks, no special attention is needed for this product besides the general obligations that follow EU directive 89/391 and national occupational legislation. Eye protection should be worn if there is any danger of direct exposure or splashing. Protective gloves are normally not needed due to the properties of this product but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks. Highly sensitive individuals can use gloves labelled "Low Chemical resistant" or "Waterproof" or with the pictogram indicated here.



Protective breathing equipment should only be required in extreme work-situations. Consult the manufacturer if this is the case.

Dust filter IIb (P2) may be required.

For limitation of environmental exposure, see Section 12.

9. Physical & Chemical Properties

9.1. Information

a) Appearance	Form: paste Colour: As supplied
b) Odour	Not applicable
c) Odour threshold	Not applicable
d) pH	7-9
e) Melting point/freezing point	Not applicable
f) Initial boiling point and boiling range	Not applicable
g) Flash point	Not applicable
h) Evaporation rate	Not applicable
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability or explosive limits	Not applicable
k) Vapour pressure	Not applicable
l) Vapour density	Not applicable
m) Relative density	1.61 kg/L
n) Solubility	Not applicable
o) Partition coefficient: n-octanol/water	Not applicable
p) Auto-ignition temperature	Not applicable
q) Decomposition temperature	Not applicable
r) Viscosity	Not applicable
s) Explosive Properties	Not applicable
t) Oxidising properties	Not applicable

9.2. Other information

No data available

10. Stability and Reactivity

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions

10.3. Possibility of hazardous reactions

No hazardous reactions known

10.4. Conditions to avoid

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- Not indicated
- 10.5. Incompatible materials
 - Not indicated
- 10.6. Hazardous decomposition products
 - None under normal conditions

11. Toxicological Effects

- 11.1. Information on toxicological effects
 - General or unspecific toxicity
 - The product is not classified as toxic
 - Acute effects
 - Not classified as an acutely toxic substance
 - Harmfulness
 - The product is not classified as harmful to health
 - Repeated dose toxicity
 - To the best of our knowledge, no chronic effects have been reported for this product.
 - Carcinogenicity
 - To the best of our knowledge, no carcinogenic effects have been reported for this product.
 - CMR Effects
 - To the best of our knowledge, no mutagenic or otherwise genetic or reproductive toxic effects have been reported for this product.
 - Sensibilisation
 - Hypersensitive reactions cannot be ruled out for persons who are overtly sensitive.
 - Corrosive and irritating effects
 - The product is not corrosive. Minor irritation cannot be ruled out for persons who are prone/susceptible.
 - Synergism and antagonism
 - To the best of our knowledge, no synergistic effects have been reported for this product or any of its ingredients.
 - Effect on judgement and other psychological effects
 - To the best of our knowledge this product does not affect discernment if used in the manner intended.
 - Effect on human microflora
 - Effects on human micro flora have not been proven or are negligible.

12. Ecological Information

- 12.1. Toxicity
 - This product consists of easily degradable naturally occurring or nature identical substances, mainly obtained from renewable sources, whereby the global environmental load may be considered negligible. In the local environment, minor ecological effects may occur in case of large discharge.
- 12.2. Persistence and degradability
 - The product degrades in the natural environment
- 12.3. Bioaccumulative potential
 - Neither this product, nor its contents, accumulates in nature.
- 12.4. Mobility in soil
 - The product is miscible with water and is therefore variable in soil and water.
- 12.5. Results of PBT and vPvB assessment
 - No chemical safety report has been executed.
- 12.6. Other adverse effects
 - Not indicated

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13. Disposal Considerations

13.1. Waste treatment methods

Waste handling for the product

The product is not classified as hazardous waste.

Take local regulations for dealing with waste into account.

Recycling of the product

This product is not usually recycled

Transportation of waste

Waste class J(0) – Does not have adverse effects on health or the environment.

14. Transport Information

14.1. Un number

Not classified as dangerous goods

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not applicable

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

16. Other Information

16.1. Indication of where changes have been made to the previous version of the COSHH data sheet.

Revisions of this document

Earlier versions

None

16.2. Legend to abbreviations and acronyms used in the COSHH data sheet

Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road.

RID Regulations concerning the International Transport of Dangerous Goods by Rail.

16.3. Key literature references and sources for data

Sources for data

Primary data for the calculation for the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I as updated to 01-07-2015

Where such data was lacking, on the second hand, the documentation on which this official classification is based was used, e.g. IUCLID (International Uniform Chemical Information Database). On the third hand, information was used from reputable international chemical suppliers and on the fourth hand, from other

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available information, e.g. safety data sheets from other suppliers or information from non-profit associations, whereby the reliability of the source was judged by an expert. If, in spite of this, reliable information was not found, the hazards were judged by expert opinions based on the known properties of similar substances and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this COSHH data sheet

453/2010	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
1272/2008	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
89/391	COUNCIL DIRECTIVE 89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work.
1907/2006	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC Annex I

16.4. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

The classification of the hazards of this mixture has been performed as an evaluation by applying a weight of evidence determination using expert judgement in accordance with 1272/2008 Annex I, weighing all available information having a bearing on the determination of the hazards of the mixture and in accordance with 1907/2006 Annex XI

16.5. List of relevant hazard statements and/or precautionary statements

16.6. Advice on any training appropriate for workers to ensure protection of human health and the environment.

Warning for misuse

This product is not expected to cause severe harm to humans or the environment. However, the manufacturer, the distributor or the supplier cannot be responsible for unusual or criminal use of the product.

Liability

The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This safety data sheet applies only to the product named above supplied by IPP. If the product is used as part of other products, information given in the safety data sheet may be invalidated.

No warranty is hereby expressed or implied.

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