



Safety Data Sheet

1. Identification of the substance or mixture and of the company/firm

1.1. Product Identifier

Name: IDROGUM

1.2. Relevant identified uses of the substance or mixture and uses not recommended

Description/Use: Waterproofing liquid membrane

1.3. Details of the safety data sheet provider

Company name MATCO S.R.L.

Address Via Quadrelli, 69

Location and country 37055 Ronco all'Adige VR – Italy

Tel. +39 045.6608111

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Email of person in charge
of the Safety

Data Sheet info@matcosrl.com

1.4. Emergency telephone number

For urgent inquiries refer to +39 045.6608111 – Matco Srl

+39 02.66101029 - Poison Centre - Niguarda Hospital Milan

2. Identification of hazards

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions of Directives 67/548/EEC and 1999/45/EC and/or Regulation (EC) 1272/2008 (CLP) (and subsequent amendments).

2.2. Label elements

Pictograms -

Warnings -

Hazard indications -

Safety advice **P102** Keep out of reach of children.

P260 Do not breathe gas/vapour/spray.

P262 Avoid contact with eyes, skin or clothing.

P391 Collect spillage.

EUH208 Contains 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) May cause an allergic reaction.

2.3. Other hazards

No information available.

3. Composition/information on ingredients

3.1. Substances

The product does not contain substances classified as hazardous to health or the environment under the existing provisions of the Directives 67/548/EEC and/or Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations).

3.2. Mixtures

Contains Preservative/Biocide: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) May cause an allergic reaction.

CAS: 55965-84-9 EC number: 611-341-5 Index number: 613-167-00-5 Acute Tox.3, H301-H311-H331; Scin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic1, H410; Skin Sens.1A, H317 Conc. 0.1% -0.2%.



4. First aid measures

4.1. Description of first aid measures

Not specifically necessary. Observance of good industrial practices is recommended in any case.

4.2. Main symptoms and effects, both acute and delayed

There are no known episodes of damage to health attributable to the product.

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

No information available.

5. Fire-fighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA

The suitable extinguishing media are the traditional forms: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING MEDIA

None in particular.

5.2. Special hazards arising from the substance or the mixture

HAZARDS CAUSED BY EXPOSURE IN CASE OF FIRE

Avoid inhaling combustion products (carbon oxides, toxic pyrolysis products, etc.).

5.3. Recommendations for firefighters

GENERAL INFORMATION

Cool containers with water jets to avoid decomposition of the product and the production of substances that pose a potential health risk. Always wear full fire protection equipment. Collect extinguishing water to prevent it from draining into the sewers. Dispose of contaminated water used for extinguishing and the remains of the fire in compliance with the applicable regulations.

EQUIPMENT

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with bands around the arms, legs and waist), work gloves (fireproof, cut proof and dielectric), an overpressure mask with face shield covering the whole of the operator's face or SCBA (oxygen mask) in the event of large quantities of smoke.

6. Measures in case of accidental emission

6.1. Personal precautions, protective devices and emergency procedures

If fumes or powders are released into the air, adopt respiratory protection. Use suitable protective clothing.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water, ground water or neighbouring areas.

6.3. Methods and material for containment and cleaning up

Confine using earth or inert material. Remove most of the material and eliminate the remainder using jets of water. The disposal of contaminated material must be carried out in compliance with the provisions of point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling

Store in labeled sealed containers.

7.2. Conditions for safe storage, including any incompatibilities

Normal storage conditions with no particular incompatibilities. Water based product. Not frost resistant. Store at temperatures not lower than 0° C.

7.3. Specific end uses

No information available.

8. Exposure/personal protection control

8.1. Control parameters

No information available.

8.2. Exposure controls

Observe the usual precautionary measures for handling chemicals.



RESPIRATORY PROTECTION

Not required.

EYE PROTECTION

Use protective glasses.

HAND PROTECTION

Use suitable gloves.

SKIN PROTECTION

The use of barrier creams is recommended.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	pasty liquid
Colour	grey, white, red, green
Odour	weak
Odour threshold	NA (not available).
pH	8 – 9
Freezing point	approx. 0°C (water based product).
Boiling point	approx. 100°C (water based product).
Distillation range	NA (not available).
Flash point	NA (not available).
Evaporation rate	NA (not available).
Flammability of solids and gases	NA (not available).
Lower flammability limit	NA (not applicable).
Upper limit flammability	NA (not applicable).
Lower explosive limit	NA (not applicable).
Upper explosive limit	NA (not applicable).
Vapour pressure	NA (not available).
Vapour density	NA (not available).
Specific weight	1.35-1.41 kg/l
Solubility	partially miscible.
Partition coefficient: n-octanol/water	NA (not available).
Auto-ignition temperature	NA (not available).
Decomposition temperature	NA (not available).
Viscosity	NA (not available).
Oxidising properties	NA (not available).

9.2. Other Information

VOC (Directive 2004/42/EC):	10 g/litre
VOC (volatile carbon):	NA

10. Stability and reactivity

10.1. Reactivity

There is no particular risk of reaction with other substances under normal conditions of use.

10.2. Chemical stability

The product is stable under normal use and storage conditions.

10.3. Possibility of hazardous reactions

In normal conditions of use and storage no dangerous reactions are predictable.

10.4. Conditions to avoid

None in particular. However, follow the usual precautions against chemicals.

10.5. Incompatible materials

Products that cause hazardous reactions in contact with water.

10.6. Hazardous decomposition products

Gases and vapours potentially harmful to health may be released by thermal decomposition or in case of fire.



11. Toxicological information

There are no known episodes of damage to health due to exposure to the product. In any case, it must be handled in accordance with the rules of good industrial hygiene.

11.1. Information on toxicological effects

No information available.

12. Ecological information

Use in accordance with normal working best practices, avoiding dispersion of the product in the environment. Alert the relevant authorities if the product has reached water resources or sewers, or if it has contaminated the soil or vegetation.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bio-accumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. PBT and vPvB assessment results

NA (not applicable).

12.6. Other adverse effects

No information available.

13. Disposal considerations

13.1. Waste treatment methods

Reuse, if possible. Product residues are to be considered special non-hazardous waste.

Disposal must be carried out by an authorised waste management company, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with the national waste management regulations.

ERC recommended waste code: 08 04 10 (non-hazardous) and for packaging, if clean, CER 15 01 04.

14. Transport information

The product is not considered dangerous in accordance with the provisions in force concerning the transportation of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) and by air (IATA).

15. Regulatory information

15.1. Specific safety, health and environmental regulations and legislation for the substance or mixture.

Seveso Category. None.

Restrictions relating to the product or contained substances pursuant to Annex XVII of Regulation (EC) 1907/2006. None.

Substances in Candidate List (ART. 59 of REACH). None.

Substances subject to authorisation (Annex XIV of REACH). None.

Health inspections. No information available.

15.2. Chemical safety assessment

No chemical safety assessment has been developed for the mixture and the substances it contains.



16. Other Information

GENERAL BIBLIOGRAPHY:

1. Directive 1999/45/CE and subsequent amendments
2. Directive 67/548/EEC and subsequent amendments and adjustments
3. Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) 790/2009 of the European Parliament (1st ATP CLP)
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. 10th Edition
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials - 7th Ed., 1989

Note for users:

The information contained in this data sheet is based on the current level of knowledge available from us on the date of the most recent version. Users must check the suitability and completeness of the information in relation to the specific use of the product. This document should not be considered as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the users' responsibility to observe hygiene and safety laws and regulations in force. We shall not be held liable for improper use. Changes to previous review.