

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: imi-rost coating paint
Full Color and Tinting Paint for imi-rost edge processing

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

Coating compound / Surface coating / paint. There are no information about relevant identified uses of the product, which are advised against.

1.3 Details of the supplier of the safety data sheet

Supplier: H. Schubert GmbH
Klein Haddorf 2
D-48493 Wettringen
Tel.: +49 (0) 2557 9377-40
Fax.: +49 (0) 2557 9377-49
E-Mail: info@imi-beton.com

1.4 Emergency phone number: Outside the business hours (Mo. - Th.: 07:00 am - 04:00 pm, Fr.: 07:00 am - 12:00 am): (Giftnotruf Berlin, consultation in the german and english language) Telephone: +49 (0)30 30686 790

2. Hazards identification

2.1 Classification of the substance or mixture

Directive 67/548/EEC or 1999/45/EC

-

Regulation (EC) No 1272/2008 (GHS)

-

2.2 Label elements

Directive 67/548/EEC or 1999/45/EC Special designation for certain preparations: 101 Safety data sheet available for professional user on request.

Regulation (EC) No 1272/2008 (GHS) Special rules for supplemental label elements for certain mixtures: EUH210 Safety data sheet available on request.

2.3 Other hazards

None.

2.4 Additional information

This product is not dangerous concerning the regulation (EC) No. 1272/2008 (CLP) or the directive 1999/45/EC.

3. Composition/information on ingredients

3.2 Mixtures

Chemical characterization: Dispersion paint

Composition: Acrylic-copolymer-dispersion, titanium dioxide (depending on hue), inorganic/organic pigments (depending on hue), calcium carbonate, silicates, water, white spirit, glycol ether, additives and preservatives (methyl- and benzisothiazolinone).

Hazardous components

2-(2-BUTOXYETHOXY)ETHANOL ; Registration number (EC) : 01-2119475104-44 ; EC-No. : 203-961-6; CAS-No. : 112-34-5

Percentage : 0 - 1 %

Classification 67/548/EEC : Xi ; R36

Classification 1272/2008 (CLP) : Eye Irrit. 2 ; H319

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%) ; Registration number (EC) : 01-2119473977-17 ; EC-No. : 919-164-8

Percentage : 0 - 1 %

Classification 67/548/EEC : R52/53 Xn ; R65 R66

Classification 1272/2008 (CLP) : Asp.Tox. 1 ; H304 Aquatic Chronic 3 ; H412

For the wording of the listed risk phrases refer to section 16.

Additional information

The used hydrocarbons contain no benzene or benzene in concentrations less than 0.1 percent by weight and fulfil therefore the default(handicap) of the remark P to the appendix VI of the order (EC) No. 1272/2008 (GHS order).

4. First aid measures

4.1 Description of first aid measures

General: In all cases of doubt, or when symptoms persist, seek medical attention. Immediately remove all contaminated clothing. Phrase P101: If medical advice is needed, have product container or label at hand.

After inhalation

When symptoms persists, take the casualty into the fresh air and keep warm. Call a doctor, should the air passages be affected.

After skin contact

Wash away with soap and water and rinse. Do NOT use solvents or thinners. Take off immediately all contaminated clothes.

After eye contact

Remove contact lenses, keep eyelids open. Rinse open eye immediately with plenty of running water. Seek medical advice if complaint continues.

After ingestion

Keep at rest. Do not induce vomiting. Drink water in small draught. When swallowed immediately consult and show packing or label to physician.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

None.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: This product is not flammable. In case of a fire extinguish surroundings as indicated.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Appropriate breathing apparatus may be required.

5.4 Additional information

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8. The product produced in combination with water slippery surfaces.

6.2 Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations. Holding polluted washing water back and disposing of duly.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Remove residue by rinsing thoroughly with water. Thoroughly clean contaminated objects and floors and observe environmental regulations.

6.4 Reference to other sections

None.

7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling: No special measures necessary in the case of regulation storage and handling. Ensure a good ventilation in room and working area. Comply with the health and safety at work laws.

Phrase P102: Keep out of reach of children.

Phrase P103: Read label before use.

Information about protection against explosions and fires: This product is not flammable. Cool endangered containers with water.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers: Keep container tightly in a dry, cool and good ventilated place. Do not store the product in lounge room. Keep only in the original container. Protect from frost. Keep out of the reach of children.

Information about separation of incompatible products: Store away from foodstuffs.

Further information about storage conditions: Storage class : 12

8. Exposure controls/personal protection

8.1 Control parameters

2-(2-BUTOXYETHOXY)ETHANOL ; CAS-No. : 112-34-5

Specification : TRGS 900 (D)

Value : 100 mg/m³

Category : 1(l)

Remarks : Y

Version date : 02.07.2009

Specification :	STEL (EC)
Value :	15 ppm / 101,2 mg/m ³
Version date :	07.02.2006
Specification :	TWA (EC)
Value :	10 ppm / 67,5 mg/m ³
Version date :	07.02.2006

References to the thresholds: Taking into account the details mentioned in the TRGS 900 for the supervision of AGW.

8.2 Exposure controls

Personal protective equipment – General protective and hygiene measures: Avoid contact with eyes and skin. Immediately remove all contaminated clothing. Do not eat or drink during work - no smoking. Wash hands before breaks and after work.

Respiratory protection: Breathing protection equipment is not required at brush or roll application. Do not breathe spray. By spraying: Use filter mask P2(white).

Hand protection: At use as agreed a protective gloves from nitrile rubber with a material thickness 0,4 mm has to be used. Notes of the manufacturer have to be taken into account. Penetration time of the glove material: > = 8 h. By longer or repeated contact the penetration times can be considerably shorter. The protective gloves should be replaced after the first wear out or a damage of the gloves. Gloves of cotton should be used under the gloves of polychloropren or nitrile rubber. After washing hands replace lost skin fat by fat containing skin creams.

Eye protection: Use protection glasses in case of spattering.

Body protection: Using protective clothing. If the product must be sprayed, use protective clothing.

Additional information about engineering measures: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit) , suitable respiratory protection must be worn. Observe data available of section 7.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Image

Form : Liquid.
Colour : According to product identification.
Odour : Characteristic.

Relevant safety data

Boiling temperature/boiling range: (1013 hPa) not applicable
Flash point: not applicable
Ignition temperature: not applicable
Vapour pressure: (50 °C) not determined
Density: (20 °C) ca. 1,2 - 1,4 g/cm³
Solvent separation test: (20 °C) not applicable
pH value: ca. 8 - 9
Flow time: (20 °C) not applicable DIN-cup 4 mm
Viscosity: (20 °C) tixotrope
VOC value : max. 30 g/l

9.2 Other information

None.

10. Stability and reactivity

10.1 Reactivity

No dangers connected by a possible reactivity of the product are known to proper handling and storage.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

No dangerous reactions are known if stored and handled the product correctly.

10.4 Conditions to avoid

Keep away from frost, heat and direct sunlight.

10.5 Incompatible materials

No dangerous reaction known. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

No dangerous decomposition products are known if stored and handled correctly. When exposed to high temperatures or in case of fire hazardous decomposition products such as carbon dioxide, carbon monoxide, smoke, nitric oxides or thick, black smoke may be produced.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

- Acute oral toxicity: No data available;
- Acute dermal toxicity: No data available;
- Acute inhalation toxicity: No data available.

Primary irritant effect

Irritation:

- To the skin: Not expecting any damage or irritancy.
- At the eye: Not expecting any damage or irritancy.

Sensitization: Contact with skin sensitizing reactions can occur with allergy sufferer.

Carcinogenic and mutagenic effects, risks to reproduction: The product is not classified as human germ cell mutagenic, carcinogenic or human reproductive toxic (CMR effects).

Further information: There are no data available on the preparation itself.

11.2 Experience on practice

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

11.3 Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC), listed in sections 3 and 15. At proper dealing and use as agreed the product does not cause any effects bad for health after our experiences and the information submitted to us.

12. Ecological information

12.1 Toxicity

Acute or chronic damages to water organisms by the product in the aquatic environment are not expecting.

12.2 Persistence and degradability

There are no data available about the potential of the product concerning its persistency and degradability.

12.3 Bioaccumulative potential

There are no data available about the bio accumulation potential of the product. No information about the individual components is available either.

12.4 Mobility in soil

There are no data available about the potential of the product concerning its mobility in the ground. Due to the low water solubility of the product a bioavailability is not probable. A penetrating into soil, waters and sewage system should be prevented.

12.5 Results of PBT and vPvB assessment

This product does not contain any relevant substances which were classified as a PBT or vPvB-substance.

12.6 Other adverse effects

There are no data available on the product itself.

12.7 Additional information

Avoid exposing into ground, waterways and drainage. The product is evaluated according to the method of 1999/45/EC and is not classified as harmful for the environment but contains components which are harmful for the environment. See sections 2 and 3 for details.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation: Packaging with not dried residues have to be dropped at official collecting sites. Do not empty into waters or drains. Packaging with dried residues can be disposed together with household garbage or building site garbage.

Waste key: Disposal-definition No. (AVV-Code): 08 01 12 Paint and varnish waste with the exception of the ones who come under 08 01 11 *.

Contaminated packaging

Recommendation: Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. Transport information

14.1 UN number

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.2 UN proper shipping name

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.3 Transport hazard class(es)

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.4 Packing group

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.5 Environmental hazards

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.6 Special precautions for user

None.

15. Regulatory information

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

National regulatory information

Regulation on safety management (BetrSichV): No flammable liquid according to BetrSichV. VbF-class (till 31.12.2002): The product is not subject to the ordinance.

Water pollution classification: Class : 1 Classification according to VwVwS

Other regulations: The product is classified as a solid substance according to the criteria of the Penetrometer test (ADR, part 2, section 2.3.4) and also fulfils the criteria for solid substances according to the TRwS 779 number 2.1.1.

International regulatory information: In accordance with the EU guideline 2004/42/EC : Product sub-category and VOC limiting values in accordance with appendix II, letter A of the guideline: Category a, type Wb; VOC limiting value of the category for 2010: 30 g/l. This product contains max. 30 g/l VOC.

15.2 Chemical safety assessment

A chemical safety assessments was not carried out.

16. Other information

Further information

Product code in accordance with GISBAU (hazardous materials information system of the German professional associations of the building and construction industry) for colours and varnishes (GISCODE): M-DF02.

R-Phrases of components

36 Irritating to eyes.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

GHS Hazard statements of components

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.