



M-Guard HD

Material Safety Data Sheet

May 2010

Product Identification

- Product name** Muralplast M-Guard HD
- Use/description** A surface oil and water repellent and graffiti protection for porous building materials
- Composition** Water-borne acrylic copolymer-based



Hazards Identification

M-Guard HD is not classified as a dangerous product (directive 1999/45/CE).
Contains no substances presenting a danger to either health or the environment (directive 67/548/EEC)

Symptoms of exposure

- Skin contact** There may be mild irritation at the site of contact
- Eye contact** There may be irritation and redness
- Ingestion** There may be soreness and redness of the mouth and throat.
Nausea and stomach pain may occur
- Inhalation** There may be irritation of the throat

First Aid Treatment

- Provide this data sheet if treatment is necessary. In all cases of doubt, or where symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.
- Skin Contact** Remove contaminated clothing.
Wash skin with soap and water, or use a proprietary skin cleaner.
Do not use solvents/thinners.
If symptoms persist, seek medical advice.
- Eye Contact** Irrigate immediately with plenty of water and seek medical advice.
- Ingestion** Keep at rest, obtain medical attention. Do not induce vomiting.

Fire Fighting Measures

- Flammable Class** Non-flammable

Accidental Release

- Clean up methods** Contain and collect spillage using sand or earth. Do not allow to enter drains.
Collect and transfer the waste in specific labelled plastic packaging and have it collected by an approved salvage contractor.
Rinse the ground with water.



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Handling & Storage

Storage Store in temperature between 5°C and 30°C
 Avoid stacking containers on each other. Incompatible materials - none.
 Recommended materials for packaging - plastic materials

Personal Protection

Respiratory If spraying wear dust mask
Hand Impermeable gloves recommended
Eye Eye protection recommended
Skin Wear suitable overalls and wash them with soap and water after handling
Hygiene Do not eat drink or smoke when handling product

Physical & Chemical Properties

| | | | |
|---------------------------|------------|---------------------------------|-----------------|
| Appearance | Liquid | Final boiling point (rC) | None |
| Colour | Colourless | Density | 1.01 |
| Odour | None | Solubility in water | Totally |
| pH value | 4.2 | Flash point (°C) | None applicable |
| Boiling Point (°C) | 100 | | |

Stability & Reactivity

Stability and Reactivity Stable under normal conditions
Hazardous decomposition products None under normal conditions

Toxicological Information

In case of ingestion (rat) DL50 (mg/kg)
In case of skin contact (rabbit) DL50 (mg/kg)
In case of inhalation CL50 (mg/kg)

Ecological Information

Ecological effects This product is bio-degradable

Disposal

Discard only small quantities of highly diluted product. Clean containers before throwing them away. This waste material is classified as industrial waste and can be handled by the local authority or its contractor. Empty containers should be collected by an approved contractor in accordance with relevant regulations.

Transportation Information

N°ONU / I.D.n° Not classified
ADR/RID Not classified
Labelling ADR Not classified

Regulatory Information

Symbols None
R Phrases None
S Phrases None

Other Information

Recommended uses and restrictions None

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