

SAFETY DATA SHEET: SD/G03

in accordance with directives 91/155/EEC and § 14 - GefStoffV. (ordinance on hazardous substances) revised on 18.12.2003

1. Identification of the substance / preparation and of the company

Product details:

The safety data sheet is valid for the following products:

Trade name:

Quarzgrund Wash primer for internal and external use

Manufacturer / supplier identification

Manufacturer/Supplier: KNAUF MARMORIT GmbH
Street/P.O. box: Ellighofen 6
Nat. Ident./Postal code/City: D-79283 Bollschweil
Telephone: (0 76 33) 8 10-0
Facsimile: (0 76 33) 8 10-113
Department responsible for information: Qualitätswesen (Quality Department)
Telephone: (0 76 33) 8 10-142
Emergency information: Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie, Berlin
Emergency telephone number: (0 30) 1 92 40
Gisbau-Code: M-DF 02: water-based paint

2. Composition / Information on ingredients

Description:
Mixture of titanium dioxide, carbonate, silica sand, plastic emulsion, water

Substances with identification requirement:
not applicable

3. Hazard Identification

Hazard identification: not applicable

Information pertaining to particular dangers for man and environment:

This product does not have to be labelled in accordance with the calculation procedure of the „General Classification guideline for preparations of the EC“ in the latest valid version.

Classification system:

The classification complies with the current EC lists. It is supplemented, however, by information from technical literature and by information furnished by supplier companies.

4. First Aid Measures

General information:

Instantly remove any clothing contaminated by the product.

After inhalation:

Provide fresh air. Consult physician if problems develop.

After skin contact:

Prolonged skin contact may cause irritation.

After contact with skin, immediately wash with water and soap and rinse thoroughly.

After eye contact:

Immediately rinse opened eye for several minutes under running water holding the eyelids apart.

After ingestion:

If symptoms develop or persist, consult a physician.

5. Fire Fighting Measures

Suitable extinguishing media:

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Special hazards caused by the material, its products of combustion or flue gases:

Poisonous gases may be produced when the material is heated or in the event of a fire.

Special protective equipment:

Wear respiratory equipment.

6. Accidental Release Measures

Person-related safety precautions:

Wear personal protective clothing

Measures for environmental protection:

Do not allow to enter sewers or water course

Measures for cleaning/collecting:

Soak up with absorbent materials such as sand, diatomite, acid binders, universal binders, sawdust

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7. Handling and Storage

Handling

Information for safe handling:
Keep away from heat and direct sunlight.
Store in properly sealed receptacles in a cool and dry place.

Information about protection against explosions and fires:
No special measures required.

Storage

Requirements to be met by storerooms and receptacles:
Store in unopened original packing, only.

Information about storage in one common storage facility:
Store away from food.

Further information about storage conditions:
Keep away from frost.

VbF classification: not applicable

8. Exposure Controls and Personal Protection

Additional information on the technical system design:
No further information, see item 7.

Components with workplace relevant concentration limits that require monitoring at the workplace.

CAS No.:	107-21-1
Designation of material:	Ethane-diol (< 2.5 %)
Type:	MAC MAC (TRGS 900)
Value/MAC unit:	26 mg/m ³ 10 ml/m ³
Value/MAC Unit (TRGS 900):	26 mg/m ³ 10 ml/m ³ H, Y, DFG

Additional information:
These values are based on the lists valid at the time of issue.

Personal protective equipment

General protective and hygienic measures:
Avoid prolonged and intensive skin contact:

Respiratory protection	Not required
Hand protection:	Protective gloves
Glove material:	India rubber (latex)

Penetration time of glove material:
Please contact the protective glove manufacturer to find out the hold-up time, and observe this time.

Eye protection:
When the product is transferred into another container, safety glasses are recommendable.

Body protection: Protective clothing

9. Physical and Chemical Properties

Appearance

Form:	liquid
Color:	white
Odor:	characteristic

Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: 100°C

Safety relevant data

Flash point: Not applicable

Auto ignition: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Vapour pressure at 20°C: 23 hPa

Density at 20 °C: 1.45 g/cm³ (DIN 53217)

Solubility in/
Miscibility with water: completely miscible

Viscosity, dynamic at 20°C: 3,000 mPas

Viscosity, kinematic : not determined

10. Stability and Reactivity

Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

Dangerous reactions:
Stable when stored and handled according to recommended instructions (see section 7).

Dangerous decomposition products:
Danger of formation of toxic pyrolysis products

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11. Toxicological Information

Acute toxicity

Primary toxicological effect of final product:

on the skin: No skin irritating effect if used properly

on the eye: No irritating effect if used properly

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological Information

General Information:

Water hazard class 1 (Self-assessment): slightly hazardous to water.

Do not allow the product to reach ground water, water course or sewage system.

13. Disposal Considerations

Product

Recommendation:

Must not be disposed of with household garbage.

Do not allow to enter the sewage system.

European Waste Catalogue

08 00 00 Wastes from Manufacture, Formulation, Supply and Use (MFSU) of Coatings (Paints, Varnishes and Vitreous Enamels), Adhesives, Sealants and Printing Inks

08 01 00 Wastes from MFSU and removal of paint and varnish

08 01 12 Waste paint and varnish other than those mentioned in 08 01 11

17 00 00 Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 09 00 Other construction and demolition wastes

17 09 04 Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Recommendation:

Waste disposal according to the official regulations in force.

Recommended cleaning agent:

Water, if necessary with cleaning agent.

14. Transport Information

Land transport ADR/RID and GGVS/GGVE

(cross-border/domestic):

ADR/RID-GGVS/E class: -

Sea transport IMDG/GGVSea:

IMDG/GGVSea Class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

Transport / further information:

No hazardous material according to ADR/RID-GGVS/GGVE.

15. Regulatory Information

Identification in accordance with the EC directives

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

National regulations:

VbF Classification: not applicable

Technische Anleitung Luft:

(Technical Instruction on „Air“)

Class: III

Share in %: < 2.5

Water risk class

WRC 1 (self assessment): slightly hazardous for water

16. Other Information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department that issues the data sheet:

Quality management department

Contact: Dr. Sigmund