



SAFETY DATA SHEET

Date of issue: March 2015
Trade name: Quartz Primer
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Version: 1.0

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

1.1 Product identifier

Trade name: **Quartz Primer**
Synonyms: Grundweiß Quarz – Kwarts Witgrondeer

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

Use of the Substance/Mixture: Water-borne coatings.
Recommended restrictions on use: Within adequate application - none.

1.3. Details of the supplier of the safety data sheet.

Manufacturer/supplier: MagPaint Europe B.V.
Riezenweg 2
7071 PR Uift
THE NETHERLANDS
Tel.: +31 (0) 315 38 64 73
Fax: +31 (0) 315 74 52 00
Email: info@magpaint.com
Website: www.magpaint.com

Further information obtainable from:

Contact person: Mike Poorthuis
Tel.: +31 (0) 315 38 64 73
Email: info@magpaint.com
Working hours (business days): 09h00-17h00

1.4. Emergency telephone number:

The Netherlands:	National Poison Information Centre:	+31 (0) 30 247 88 88
Belgium:	Belgian Poison Centre:	+32 (0) 70 245 245
United Kingdom:	UWIC:	+44 (0) 29 204 16388

SECTION 2: Hazards identification.

2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) no 1272/2008:
Not a hazardous substance or mixture.

Classification in accordance with Directive 67/548/EEC or Directive 1999/45/EC:
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC..

2.2. Label elements

In accordance with Regulation (EC) NO. 1272/2008:
Not a hazardous substance or mixture.

Additional labelling:

EUH210	Safety data sheet available on request.
EUH208:	Contains: 1.2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-1-one. May produce an allergic reaction.



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In accordance with Directives 67/548/EEC and 1999/45/EC
The product does not need to be labelled in accordance with EC-directives or respective national laws.

2.3. Other hazards

This substance/mixture contains no components to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Do not breath spray dust.

Results of PBT and vPvB assessment

PBT	No.
vPvB	No.

SECTION 3: Composition/information on ingredients.

3.1. Substances

Not applicable.

3.2. Mixtures

Chemical description: Preparation comprising the following component(s), water base and (other) unclassified components.

Quartz (SiO₂)^(mx)

CAS#:	14808-60-7
EC#:	238-878-4
Index#:	-
REACH reg.#:	-
Content (W/W):	1 - 2 %
Danger:	
1999/45/EC:	Xn; R48/20
1272/2008/EC:	STOT RE2; H373.

Note ^(mx): This substance is integrated into the matrix of our product and will therefore be ignored for classification and labelling of the product.

Full text of R-, H- and EUH-phrase(s): see section 16.

SECTION 4: First aid measures.

4.1. Description of first aid measures

General information: No hazards which require special first aid measures.
Move out of dangerous area.
First aider needs to protect himself.

Eye contact: Remove contact lenses



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	Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice
Skin contact:	Wash skin thoroughly with soap and water or use recognized skin cleaner. Do NOT use solvents or thinners.
Ingestion:	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
If aerosol or vapour is inhaled:	Move to fresh air.
4.2. Most important symptoms and effects, both acute and delayed	
Symptoms:	No information available.
Risks:	No information available.
4.3. Indication of any immediate medical attention and special treatment needed	
Treatment:	No information available.

SECTION 5: Firefighting measures.

5.1. Extinguishing media

Suitable extinguishing media: Not combustible.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: High volume water jet may be ineffective.

5.2. Special hazards arising from the substance or mixture

Special hazards: Not classified as flammable.
In case of fire, hazardous and toxic vapours may be released.
Possible decomposition products are: carbon monoxide and carbon dioxide.

5.3. Advice for fire fighters

Protection of fire-fighters: For fire-fighters, mouth and nose protection with independent air supply (breathing apparatus) and full (chemical) protective clothing are mandatory. Use qualified personnel who are well aware of the dangers of this product. Clean the equipment thoroughly after use (shower, clean clothing thoroughly and check suitability).

Additional information:

The product self does not burn.
If closed containers are exposed to fire, keep cool with water. In a fire or if heated, a pressure increase will occur and the container may burst.



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SECTION 6: Accidental release measures.

- 6.1. Personal precautions, protective equipment and emergency procedures:
Personal precautions: Material can create slippery conditions.
Use protective shoes or boots with rough rubber sole.
Refer to protective measures listed in sections 7 and 8.
Treat recovered material as described in the section "Disposal considerations".
- 6.2. Environmental precautions: Prevent product from entering sewers or surface water. If significant quantities are being released in the environment, inform the local authorities.
Prevent further leakage or spillage.
- 6.3. Methods and material for containment and cleaning up
Methods for cleaning up:: Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal. Wash the spillage area clean with water and detergent.
- 6.4. Reference to other sections: Information regarding safe handling – see section 7.
Information regarding personal protective equipment – see section 8.
Information regarding disposal – see section 13.

SECTION 7: Handling and storage.

- 7.1. Precautions for safe handling
Handling: When handling observe the usual precautionary measures for chemicals. Provide adequate ventilation. Do not breathe vapour. Workers should wash hands and face before eating, drinking and smoking. Material contains solid components as filler; mix before use. Do not dilute or mix with other (paint) products.
Information about fire - and explosion protection: No specific requirements.
- 7.2. Conditions for safe storage, including any incompatibilities
Storage: Keep container tightly closed in a cool, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from direct sunlight. Avoid moisture from entering by keeping the containers tightly closed when not in use. Perishable if frozen.
- Requirements to be met by storerooms and receptacles: Preferably keep in the original packaging.
Keep container tightly closed in a dry and well-ventilated place.
- Suitable packaging material: Original packaging. Closed, coated tin or plastic can.
- Advice on common storage: Keep away from oxidising agents and strongly acid or alkaline material.
Recommended storage temperature 1 – 49 °C. Tightly closed, cool, dry, ventilated.

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7.3. Specific end use(s):	Please follow the technical information of the manufacturer.
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SECTION 8: Exposure controls/personal protection.

8.1. Control parameters.

Contains no substances with occupational exposure limit value.

8.2. Exposure controls

Personal protective equipment:

No special protective equipment required.

Do not smoke, eat or drink whilst working. Wear suitable protective clothing (preferably cotton).

Mouth and nose protection:

No personal respiratory protective equipment normally required. Ventilation, general extraction, local exhaust in case of insufficient ventilation, respiratory protection (e.g. EN149, filter type A).

Skin and body:



Wear appropriate chemical protective clothing (e.g. EN 13034 type PB [6], including shoes or boots, single-use protective clothing or thick cotton fabric).

Store working clothes separately. Wash hands before breaks and at the end of work.

Remove immediately all contaminated clothing. Store working clothes separately. Do not use solvents or thinner.

Hands:



Wash hands before breaks and at the end of work. Wear protective gloves if skin contact may occur (EN 374). Selection of the glove material on consideration of the penetration times, rates of diffusion and degradation (e.g. nitrile rubber, minimum layer thickness: 0.4 mm, butyl rubber (0.7 mm) or PVC (0.7 mm), for breakthrough time > 480 minutes, level 6).

Do not rub eyes with dirty hands.

Eyes:



Not required.

If splashes are likely to occur wear safety goggles with side-shields (EN 166).

Environmental exposure controls:

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Prevent further leakage or spillage.

SECTION 9: Physical and chemical properties.

9.1. Information on basic physical and chemical properties

General information

Appearance:

Form:

Liquid.

Colour:

White.

Odour:

Characteristic.

Odour threshold:

Not applicable.

pH-value:

ca. 8.5.

Change in condition

Melting point/melting range:

0 °C.

Boiling point/boiling range:

100 °C.



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Flash Point:	Not applicable.
Flammability (solid, gas):	Not determined.
Auto-ignition temperature:	Not determined.
Explosive limits	
Lower:	Not applicable.
Upper:	Not applicable.
Vapour pressure:	23 hPa.
Density:	1.36 (water = 1).
Vapour density:	Not applicable.
Solubility in/miscibility with water:	Completely miscible.
Partition coefficient (n-octanol/water):	Not determined.
Flow time:	Not determined.
Explosive properties:	Not applicable.
Oxidizing properties:	No data available.
9.2. Other information	No data available

SECTION 10: Stability and reactivity.

10.1. Reactivity:	No decomposition if stored as directed.
10.2. Chemical stability:	No decomposition if stored as directed.
10.3. Possibility of hazardous reactions:	
Hazardous reactions:	No decomposition if stored as directed.
10.4. Conditions to avoid:	Extreme of temperatures and direct sunlight (loss of quality). Protect from frost.
10.5. Incompatible materials:	Incompatible with oxidizing agents. Incompatible with acids and bases.
10.6. Hazardous decomposition products:	No decomposition if stored as directed. In case of fire hazardous decomposition products may be produced such as: carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11: Toxicological information.

11.1. Information on toxicological effects Acute toxicity from the components. LD/LC50 values relevant for classification:		
Product information: CAS#: 14808-60-7 (source supplier)	Quartz (SiO ₂)	
Oral	LD50	> 2,000 mg/kg (rat)
Inhalation	LC50 (4 h)	No data available
Dermal	LD50	No data available



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The following health hazard assessment is based on an assessment of the various ingredients in the product.

Primary irritant effect.

Effects on the eyes: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Effects on the skin: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Carcinogenicity: No data available.

Germ cell mutagenicity: No data available.

Reproductive and developmental toxicity: No data available.

STOT single exposure: No data available.

STOT repeated exposure: No data available.

Aspiration toxicity: No data available.

Further information: There is no data available for this product. Information given is based on data on the components and the toxicology of similar products.

SECTION 12: Ecological information.

12.1. Toxicity

Ecotoxicity from the components.

Aquatic toxicity:

Product information: CAS#: 14808-60-7 (source supplier)	Quartz (SiO ₂)	
Fish	LC50 (96 h)	No data available
Water flea	EL50 (48 h)	No data available
Algae	ErC50 (72 h)	No data available

The following ecological risk assessment is based on an assessment of the various ingredients in the product.

12.2. Persistence and degradability: Remarks: No data available.

12.3. Bioaccumulative potential: No data available

12.4. Mobility in soil: No data available

Further ecological information.

General information: Water hazard class 2 (German regulation) (Self-assessment): hazardous to water. Do not discharge into groundwater, surface water or sewage system.

12.5. Results of PBT and vPvB assessment: This substrate/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very



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	persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6. Other adverse effects:	Remarks: No data available for this product. Information given is based on data on the components and the ecotoxicology of similar products.

SECTION 13: Disposal considerations.

13.1. Waste treatment methods.	
Product:	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities.
Eural code for waste:	08 01 12. WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS, wastes from MFSU of adhesives and sealants (including waterproofing products), wastes from adhesives and sealants containing organic solvents or other dangerous substances. Classified as hazardous waste. Depending on branch of industry and production process, also other EURAL codes may be applicable. Hazardous waste according to Directive 2008/98/EC.
Contaminated packaging:	Only complete emptied containers should be given for recycling.
Eural code for packaging:	20 01 27*. MUNICIPAL WASTES AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES INCLUDING SEPARATELY COLLECTED FRACTIONS, paints, inks, adhesives and resins containing dangerous substances. Classified as hazardous waste.

SECTION 14: Transport information.

Land transport ADR/RID (cross-border).	
ADR/GGVSEB class:	-
Hazard identification number:	-
UN number:	-
Packing group:	-
Label:	-
Special marking:	-
UN proper shipping name:	-
Tunnel restriction code:	-
Note:	Not a dangerous good according to the transport regulations.
Inland shipping ADN/ADR.	
ADN/R-class:	-
UN number:	-
Environmental hazards:	-



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Maritime transport IMDG.

IMDG-class: -
UN number: -
Label: -
Packing group: -
Maximum quantity: -
EMS number: -
Stowage and segregation: -
Marine pollutant: -
Proper shipping name: -

Air transport ICAO-TI and IATA-DGR.

ICAO/IATA-class: -
UN number: -
Label: -
Packing group: -
Proper shipping name: -

- 14.1. UN number: Not regulated as a dangerous good.
14.2. UN proper shipping name: Not regulated as a dangerous good.
14.3. Transport hazard class(es): Not regulated as a dangerous good.
14.4. Packing group: Not regulated as a dangerous good.
14.5. Environmental hazards: Not regulated as a dangerous good.
14.6. Special precautions for user: Not classified as dangerous in the meaning of transport regulations.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not dangerous goods.

SECTION 15: Regulatory information.

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

EU regulations and directives which affect this mixture (not yet directly or indirectly mentioned):

Directive 89/686/EEC	Personal protective equipment.
Directive 98/8/EC	Biocides.
Directive 98/24/EC	Risks related to chemical agents at work.
Directive 2004/42/EC	On the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes.
	VOC content: (0%) < 1 g/l.
EC regulation 790/2009	1st ATP of the CLP.
Decision 2010/72/EC	Non-inclusion of certain substances as biocides (CAS# 55965-84-9, product type 7 – film preservatives).



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15.2. Chemical safety assessment: A chemical safety assessment is not required for this substance.

SECTION 16: Other information.

List of relevant R-, H- and EUH-phrase(s) referred to under headings 2 and 3:

Full text of R-Phrases: R48/20 – Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Full text of H-Statements: H373 – May cause damage to organs through prolonged or repeated exposure if inhaled

Full text of other abbreviations: STOT RE 2 – Specific target organ toxicity – repeated exposure.

Document history:

Printed on:	19 February 2018.
Previous edition:	First edition.
Version:	1.0.
Modification:	-

Other information: No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC. This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be generated.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) – registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

The information provided in this Safety Datasheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Safety data sheet according regulation (EC) No 1907/2006. of the European parliament and of the Council from 18 December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH).

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Règlement international concernant le transport des



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	marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
IATA-DGR:	Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO:	International Civil Aviation Organization
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
P:	Marine Pollutant
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
EC50:	Half maximal effective concentration
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
OEL:	Occupational Exposure Limit
NOEC:	No Observed Effect Concentration
vPvB:	Very Persistent and Very Bioaccumulative
PBT	Persistent, Bioaccumulative and Toxic substance
EWC:	European Waste Catalogue
TWA:	Time-Weighted Average, limit value associated with the MAC value
DNEL:	Derived No-Effect Level
DMEL:	Derived Minimal Effect Level
PNEC:	Predicted No-Effect Concentration

Quartz Primer is a trademark of MagPaint Europe B.V.

REACH and GHS/CLP Information

According to our legal obligations we will implement the Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and GHS respectively the Regulation (EC) No. 1272/2008. Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP). We will adjust and update our safety datasheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that MagPaint as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety datasheets will be amended accordingly. This will be put into practice depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.