

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH) GB

Trade: Brllnt Metal primer WB

Revision: 2020-05-06

Print Date: 22/01/2024

Version: 763.00001.01

SECTION 1: Identification of the substance or mixture and of the company

1.1. Product Identification

Product name and / or code: Brllnt Metal primer DTMX WB

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

Relevant identifiable applications

Coatings and coating and thinners

1.3. Details of the supplier of the safety data sheet

Name: BrllntSolutions BV

Full address: Rollemastate 11

Location: 8925 DA Leeuwarden NL

Phone: +31(0)85 0606 439

Email: info@brllnt.eu

1.4. Emergency telephone: 0031.58.2898481

National Poisons Information Centre 0031.30.274.8888

Solely intended to inform in acute poisoning for Professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) Nr. 1272/2008 (GHS)

no

Directive 67/548/EEC or (1999/45/EE)

no

2.2. Label elements

Regulation (EC) Nr. 1272/2008 (GHS)

P102 Keep out of reach of children.

P270 Do not eat, drink or smoke when using this product

P301 + P312 IF SWALLOWED: Call a POISON CENTER or feel a physician if you feel unwell

P501 Dispose of contents / container to

Directive 67/548/EEC or (1999/45/EE)

R-phrases:

no

S-phrases:

S 20 Do not eat, drink or smoke

S 46 If swallowed, seek medical advice immediately and show this container or label

S 51 Use only in well ventilated areas

S 29/35 Do not empty into drains, material and its container must be disposed of safely

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2.3. Other hazards

SECTION 3: Composition and information on ingredients

3.1. Survey Content mixture

Acrylic binder	55
Water	10
Titanium dioxide	11
Fillers	18
Additives	6

(*) See section 16 for the full text of the R-phrases

SECTION 4: First aid measures

4.1. Description of first aid measures

When in doubt or symptoms persist, consult a doctor.

Never try to be someone who is unconscious to take something.

If unconscious patient in recovery position and seek medical advice.

inhalation

Remove patient to fresh air, keep warm. Avoid exertion.

Apply artificial respiration if patient is not breathing

Contact with skin

Remove contaminated clothing.

Wash skin thoroughly with soap and water or use a detergent suitable for the purpose.

Do not use solvents or thinners.

Eye Contact

Remove contact lenses, irrigate copiously with water, while the eyelids are held open and consult physician.

Ingestion

If accidentally swallowed obtain immediate medical attention.

Keep patient calm.

Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment

SECTION 5: Firefighting measures

5.1. Extinguishing

Recommended: alcohol resistant foam, CO₂, dry powder, water spray

Extinguishing media which must not be used for safety reasons: high volume water jet.

5.2. Special hazards caused by the substance or the mixture

Fire will produce dense black smoke.

Exposure to decomposition products may cause adverse health effects.

Use suitable respirator.

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5.3. Advice for firefighters

Closed containers that have been exposed to heat with water.
Prevent fire fighting to enter drains or water courses.

SECTION 6: Measures Accidental release of the substance or mixture

6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area.
Do not breathe vapors.
Follow the precautions described in sections 7 and 8.

6.2. environmental precautions

Prevent entry into drains or water courses.
Notify the local government as this occur.

6.3. Containment and cleaning methods and materials

Dike spilled material to prevent spreading. Recording of the spilled material with non-combustible absorbent material eg sand, earth, vermiculite or diatomaceous earth and store in a suitable container until it can be disposed of. In accordance with local regulations (see section 13).
If possible, a suitable detergent. Do not use solvents.

6.4. Reference to other sections

No

SECTION 7: Handling and storage

7.1. Precautions for safe handling of the substance or mixture

Due to the organic solvents content of the product:
Prevent the creation of flammable or explosive mixtures and also avoid vapor concentrations above the limit of Private (MAC).
Use only in areas where no non - explosion-proof lighting fixtures or other sources of ignition. Electrical equipment must be explosion proof.
Container tightly closed and away from heat sources, sparks and open flame.
Sparking tools should not be used.
Specific requirements or arrangements for handling
Avoid contact with skin and eyes.
Avoid inhalation of dust, particulates or aerosols which may be released during processing. Also, avoid inhalation of dust from sanding.
Smoking, eating and drinking should be prohibited in areas where we work with the product. (see section 8 for personal protection.)
Never place the container under pressure, it is not designed to withstand.
Always keep in containers of same material as the original packaging.
Observe the legal requirements for safe working.
Prevent product from entering drains or water
Information about fire and explosion protection
Vapour is heavier than air and may spread along floors.
With air can form explosive vapor mixture.

7.2. Conditions for safe storage, including any incompatibilities

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Store in accordance with PGS 15

Notes on storage

Avoid oxidising agents, strongly alkaline and strongly acidic materials.

Further information on storage conditions

Note the warnings on the label.

Store in a dry, well ventilated place at temperatures between 5 ° C and 30 ° C.

Keep away from heat and direct sunlight.

Due to the organic solvents content of the product:

Keep the container tightly closed.

Keep away from ignition sources.

No smoking.

Remember unauthorized access to the storage space.

Close dawned packaging carefully after use and keep it upright to prevent leakage.

7.3. Specific end use

SECTION 8: Exposure controls / personal protection

Persons with a history of asthma, allergies or chronic or acute respiratory diseases, suffer now or in the past may not be involved with the work with this product

The lung function of persons involved in the spraying of this product are involved, should be examined periodically.

8.1. control parameters

Component name

TWA (8 hours) STEL (15 min) (1)

Source: EH 40/2005

8.2. Measures to control exposure

Provide adequate ventilation.

Where reasonably practicable this should be achieved by the use of \rightarrow exhaust ventilation and good ventilation.

If this is not sufficient to maintain concentrations of particulates and solvent vapor below the Public or Private Limit (MAC) then suitable respiratory protection must be used.

personal protective equipment

Respiratory protection:

If workers are exposed to concentrations above the limit of Private \rightarrow value (MAC) must use appropriate, certified respirators.

Protection of hands:

Use gloves of the type of neoprene rubber prolonged or repeated use of the product.

The breakthrough time must be longer than the end time of the use of the product

Fluorocarbon rubber (Viton)

NBR

Penetration time of glove material

KCL Camatril 730/ 730 Best Nitrisolve

Breakthrough time:> 480 min

Follow the instructions provided by the glove supplier for eight terms of use, storage, maintenance and replacement of gloves.

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Barrier creams may help to protect. Exposed skin parts This should however not be applied once exposure has occurred.

Eye protection:

Use sealed goggles.

Skin protection:

Wear antistatic clothing of natural or heat resistant synthetic fibres.

Measures for environmental protection

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	liquid
Odour:	characteristic
Color:	walnut
pH:	8
Freezing point:	0 °C
Boiling point / Boiling range:	> 100 °C
Flash point:	> 100 °C
Ignition temperature:	> 420 °C
Evaporation Rate:	Not available
Flammability (solid, gas):	Not available
Self -igniting:	Product is not explosive.
Explosion:	Product does not present an explosion hazard, However, formation of explosive vapor/air mixtures are possible.
Explosion limits:	Lower: 2.6 Vol % Upper: 12.6 Vol%
Vapour pressure at 20 °C;	Not available
Density at 20 °C:	1.22 – 1.30 g/cm
Relative density:	Not available
Vapor density:	Not available
Solubility in / Miscibility with Water:	Not determined
Partition coefficient (n-octanol/wate):	Not available
viscosity	
Dynamic at	7 Poise
Kinematic:	Not available
Explosive properties:	Not available
Water	65 gew. %
Oxidizing properties:	Not available

9.2. Other Information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Recommended storage and handling conditions in section 7 is stable.

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order

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to avoid exothermic reactions

10.4. Conditions to avoid

When exposed to heat, harmful decomposition products.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

Of the product as such no information available.

The health risks of the preparation has been assessed following the conventional method of the Dangerous Preparations Directive (99/45/EC) and classified for toxicological hazards.

See sections 2 and 15 for details.

11.1. Information on toxicological effects

Exposure to vapors of the product common solvents at concentrations above the Public or Private Limit (MAC), adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, unconsciousness.

Solvent Absorption through the skin may cause some of the above symptoms.

Repeated or prolonged contact with the product may defat the skin, causing acute contact dermatitis and which the substance can be absorbed through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

Take into account, where known, delayed and immediate effects and also chronic effects of components from short and long exposure by ingestion, inhalation, skin contact and contact with eyes.

SECTION 12: Ecological information

There are no data available on the product itself.

Prevent product from entering drains or water

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulation

12.4. Mobility in the soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal

13.1. Methods of disposal

Prevent the product from entering drains or water courses.

Empty containers should be emptied or cleaned deleted

Waste Code Name of waste (according to Directive 2000/532/EC)

08 01 00 wastes from the manufacture, formulation, supply, use and removal of paint and varnish

08 01 11 * waste paint and varnish containing organic solvents or other dangerous substances

15 01 11 Non emptied containers are hazardous waste

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SECTION 14: Transport

14.1. UN number

14.2. Proper shipping name Model UN

14.3. Transport hazard class (es)

Class or division:

Label number:

14.4. packing group

14.5. environmental hazards

14.6. Transport in the area of the company:

When transporting the product always transport in closed containers that are upright.

Individuals who are involved in this work should be informed in advance about what to do in an emergency under precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The " viscosity exception " is not applicable to air

SECTION 15: Regulatory

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

This safety data sheet is prepared in accordance with the European Directive on Safety Data Sheets (1907/2006) and the amendment to this Directive.

VOC content in accordance with EC Directive paint (2004/42/EC)

EU limit value product Cat. A/d: 130 g / l (2010)

This product contains less than 10 g / l VOC

15.2. Chemical Safety

SECTION 16: Other information

Additional information:

The details in this safety data sheet satisfy national and EC legislation. However, over the user's working conditions, elude our knowledge and control. The product should not be used without written permission or for another person for the purpose referred to in Chapter 1. The user is responsible for the observance of all required statutory provisions.

Relevant changes

03. Hazardous ingredients

R-Phrases of components

GHS Hazard statements of components

This MSDS replaces version: 763.00001.00

The data are based on our knowledge. They do not guarantee the product features and shall not a legally valid contractual relationship.