

BRISTOL - GRIP

4003001500

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : BRISTOL - GRIP
Description : Water-based acrylic binder.
Type of product : Paint.
Identification of the product : Liquid.
Use : Can be used as a primary bonding coating before applying other finishes.
Domestic.
Industrial.
Company identification : Bristol Coatings Holland
Stationsweg 13
2675 AM Honselersdijk NETHERLANDS
0031-(0)174-629006
www.bristolcoatingsholland.nl
Emergency phone nr : 0031-(0)30-2748888 (24 hours, NVIC, only contact in the event of accidental poisoning by treating doctor)

2 HAZARDS IDENTIFICATION

Hazard classification : Not classified as dangerous product.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Components : This product is not hazardous but contains hazardous components.

Substance name	Contents	CAS No	EC No	Annex No	Classification
N-methyl-2-pyrrolidone	: 5 - 10 %	872-50-4	212-828-1	606-021-00-7	Xi; R36/38
2-(2-butoxyethoxy)ethanol	: 1 - 5 %	112-34-5	203-961-6	603-096-00-8	Xi; R36
Triethylamine	: < 1 %	121-44-8	204-469-4	612-004-00-5	F; R11 Xn; R20/21/22 C; R35
2-butoxyethanol	: < 1 %	111-76-2	203-905-0	603-014-00-0	Xn; R20/21/22 Xi; R36/38
1-Methoxy-2-propanol	: < 1 %	107-98-2	203-539-1	603-064-00-3	R10
Alcohols, C16-18, ethoxylated	: < 1 %	68439-49-6	500-212-8	----	Xn; R22 Xi; R41

4 FIRST AID MEASURES

First aid measures

- General information : Allow the victim to rest.
In case of loss of conscience place the victim in the recovery position.
Never give anything by mouth to an unconscious person.
Seek medical attention if ill effect develops.
- Inhalation : Assure fresh air breathing.
Keep victim warm and rested.
If you feel unwell, seek medical advice (show the label where possible).
In case of respiratory arrest, administer artificial respiration.
- Skin contact : Wash skin with mild soap and water.
Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact : Rinse immediately with plenty of water.
Obtain medical attention if pain, blinking or redness persist.
- Ingestion : If swallowed, rinse mouth with water (only if the person is conscious).
Do not induce vomiting.
If swallowed, seek medical advice immediately and show this container or label.

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5 FIRE-FIGHTING MEASURES

Flammable class	: Not flammable.
Extinguishing media	: All extinguishing media can be used.
Surrounding fires	: Use water spray or fog for cooling exposed containers.
Protection against fire	: Do not enter fire area without proper protective equipment, including respiratory protection.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	: When using, do not eat, drink or smoke.
General precautions	: No naked lights. No smoking.
Environmental precautions	: Prevent entry to sewers and public waters.
Clean up methods	: Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7 HANDLING AND STORAGE

Precautions in handling and storage	: Both local exhaust and general room ventilation are usually required. Handle in accordance with good industrial hygiene and safety procedures.
Storage	: Keep out of reach of children. Store in dry, well-ventilated area. Protect from freezing. Keep away from sources of ignition. Keep away from food, drink and animal feeding stuffs. Close container tightly after use.
Storage - away from	: Strong acids. Strong bases. Oxidizer.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection



- Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment.
- Hand protection	: Not required.
- Skin protection	: Protective clothing not absolutely necessary.
- Eye protection	: Chemical goggles or safety glasses.
- Ingestion	: When using, do not eat, drink or smoke.
Industrial hygiene	: Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations.
Occupational Exposure Limits	: 2-(2-butoxyethoxy)ethanol : ILV (EU) - 8 H - [mg/m ³] : 67.5 2-(2-butoxyethoxy)ethanol : ILV (EU) - 15 min - [mg/m ³] : 101.2 2-(2-butoxyethoxy)ethanol : ILV (EU) - 8 H - [ppm] : 10 2-(2-butoxyethoxy)ethanol : ILV (EU) - 15 min - [ppm] : 15 2-butoxyethanol : ILV (EU) - 8 H - [mg/m ³] : (98 Skin.) 2-butoxyethanol : ILV (EU) - 8 H - [ppm] : (20 Skin.) 2-butoxyethanol : ILV (EU) - 15 min - [mg/m ³] : (246 Skin.) 2-butoxyethanol : ILV (EU) - 15 min - [ppm] : (50 Skin.) 1-Methoxy-2-propanol : ILV (EU) - 8 H - [mg/m ³] : 375 (Skin.) 1-Methoxy-2-propanol : ILV (EU) - 8 H - [ppm] : 100 (Skin.) 1-Methoxy-2-propanol : ILV (EU) - 15 min - [mg/m ³] : 568 (Skin.) 1-Methoxy-2-propanol : ILV (EU) - 15 min - [ppm] : 150 (Skin.)

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Ethanol : ILV (EU) - 8 H - [mg/m³] : 260 (260 Skin.)
Ethanol : ILV (EU) - 8 H - [ppm] : 140 (Skin.)
Ethanol : ILV (EU) - 15 min - [mg/m³] : 1900 (Skin.)
Ethanol : ILV (EU) - 15 min - [ppm] : 1000 (Skin.)

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C : Liquid.
Colour : White.
Odour : Paint.
Boiling point [°C] : >100°C
Density : 1,04 kg/l
Solubility in water : Complete.
Flash point [°C] : Not applicable.

10 STABILITY AND REACTIVITY

Stability and reactivity : Stable under normal conditions.
Hazardous decomposition products : Thermal decomposition generates : Carbon monoxide. Carbon dioxide. Nitrogen oxides.
When heated to decomposition, emits dangerous fumes.
Materials to avoid : Strong acids.
Strong bases.
Oxidizing agent.
Conditions to avoid : Freezing.
Overheating.

11 TOXICOLOGICAL INFORMATION

On product : No data available.

12 ECOLOGICAL INFORMATION

Ecological effects information : No data available.

13 DISPOSAL CONSIDERATIONS

General : Avoid release to the environment.

14 TRANSPORT INFORMATION

General information : Not regulated under the criteria of Directive 67/548/EEC.

15 REGULATORY INFORMATION

Symbol(s) : None.
R Phrase(s) : None.
S Phrase(s) : None.
VOC (Volatile organic compounds) g/l : EU limit value for this product(cat.A/e): 150 g/l (2007) / 130 g/l (2010) This product contains max 130 g/l.



SAFETY DATA SHEET

Page : 4

Revised edition no : 2

Date : 27 / 10 / 2017

Supersedes : 29 / 4 / 2008

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16 OTHER INFORMATION

Text of R-Phrases in § 3

: R10 : Flammable.
R11 : Highly flammable.
R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.
R22 : Harmful if swallowed.
R35 : Causes severe burns.
R36 : Irritating to eyes.
R36/38 : Irritating to eyes and skin.
R41 : Risk of serious damage to eyes.

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