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

1.1. Product identifier

- Trade name : BRISTOL - EXPO MULTI (High Adhesion Primer)
- Product code : Expomulti White, Black and Color.
- Description : Water soluble, air drying wall paint for indoor use.
- Type of product : Paint.
- Identification of the product : Viscous liquid.

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

- Use : Decorative wall-paint for interiors.
Domestic.
Industrial.
- Authorised use : Non industrial spraying.
Roller application or brushing.
Industrial spraying.

1.3. Details of the supplier of the safety data sheet

- Company identification : Bristol Coatings Holland
Stationsweg 13
2675 AM Honselersdijk NETHERLANDS
0031-(0)174-629006
www.bristolcoatingsholland.nl
info@bristolcoatingsholland.nl

1.4. Emergency telephone number

- Emergency phone nr : 0031-(0)30-2748888 (24 hours, NVIC, only contactable at accidentele poisoning at treating doctor)

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

- Classification : Not classified as dangerous product.

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

- Symbol(s) : None.
- R Phrase(s) : Not classified as dangerous product.
- S Phrase(s) : Keep out of reach of children.

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition/information on ingredients

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

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
2-(2-butoxyethoxy)ethanol	: 1 - 5 %	112-34-5	203-961-6	603-096-00-8	-----	Xi; R36
2-butoxyethanol	: 0.1 - 1 %	111-76-2	203-905-0	603-014-00-0	-----	Xn; R20/21/22 Xi; R36/38
Triethylamine	: 0.1 - 1 %	121-44-8	204-469-4	612-004-00-5	-----	F; R11 Xn; R20/21/22 C; R35
A mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-	: < 0.1 %	55965-84-9	-----	613-167-00-5	-----	T; R23/24/25 C; R34 R43 N; R50-53

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SECTION 3 Composition/information on ingredients (continued)

isothiazol-3-one [EC No 220-239-6] (3:1)

SECTION 4 First aid measures

4.1. Description of first aid measures

First aid measures

- **General information** : In case of loss of conscience place the victim in the recovery position. Never give anything by mouth to an unconscious person. Allow the victim to rest. 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). If not breathing, give 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.

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

Unknown.

4.3. Indication of any immediate medical attention and special treatment needed

If ingested, it can be aspirated into the lungs and cause chemical pneumonia. Give the appropriate treatment.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

- **Suitable extinguishing media** : All extinguishing media can be used.
- **Unsuitable extinguishing media** : Not applicable.

5.2. Special hazards arising from the substance or mixture

- **Specific hazards** : Not established.
- **Hazardous combustion products** : Not established.

5.3. Advice for fire-fighters

- **Flammable class** : Not flammable.
- **Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- **Prevention** : Keep away from sources of ignition. No smoking.
- **Special procedures** : Exercise caution when fighting any chemical fire.
- **Surrounding fires** : Use water spray or fog for cooling exposed containers.


SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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SECTION 6 Accidental release measures (continued)

- **General precautions** : No naked lights. No smoking.
- **Personal precautions** : When using, do not eat, drink or smoke.
- **Technical measures** : Remove ignition sources.

6.2. Environmental precautions

- **Environmental precautions** : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- **Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.
- **Special precautions** : This product contains : Solvent.

6.4. Reference to other sections

Zie Rubriek 6.1

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- **Handling** : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
- **Personal protection** : Ensure prompt removal from eyes, skin and clothing.
- **Technical protective measures** : Provide adequate ventilation to minimize dust and/or vapour concentrations.
- **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.

7.2. Conditions for safe storage, including any incompatibilities

- **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 life** : At least 1 year if stored in a cool dry place in unopened, original packaging.
- **Storage - away from** : Strong bases.
Oxidizer.
Strong acids.

7.3. Specific end use(s)

- **Specific end use(s)** : Decorative wall-paint for interiors.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

- **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.
- **Skin protection** : Protective clothing not absolutely necessary.
- **Eye protection** : Chemical goggles or safety glasses.

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SECTION 8 Exposure controls/personal protection (continued)

- Hand protection : In case of repeated or prolonged contact wear gloves.
- Ingestion : When using, do not eat, drink or smoke.
- Technical protective measures : Provide adequate ventilation to minimize dust and/or vapour concentrations.
- Industrial hygiene : Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations.

8.2. Occupational Exposure Limits

2-(2-butoxyethoxy)ethanol : ILV (EU) - 8 H - [mg/m³] : 67.5
 2-(2-butoxyethoxy)ethanol : ILV (EU) - 15 min - [mg/m³] : 101.2
 2-(2-butoxyethoxy)ethanol : ILV (EU) - 8 H - [ppm] : 10
 2-(2-butoxyethoxy)ethanol : ILV (EU) - 15 min - [ppm] : 15
 2-(2-butoxyethoxy)ethanol : NGV - [ppm] : 15
 2-(2-butoxyethoxy)ethanol : NGV - [mg/m³] : 100
 2-(2-butoxyethoxy)ethanol : KTV - [ppm] : 30
 2-(2-butoxyethoxy)ethanol : KTV - [mg/m³] : 200
 2-(2-butoxyethoxy)ethanol : VLA-ED [mg/m³] : 100
 2-(2-butoxyethoxy)ethanol : MAK (AU) Tagesmittelwert (ml/m³) : 15
 2-(2-butoxyethoxy)ethanol : MAK (AU) Tagesmittelwert (mg/m³) : 100
 2-(2-butoxyethoxy)ethanol : MAK (AU) Kurzzeitwerte (mg/m³) : 100
 2-(2-butoxyethoxy)ethanol : MAK (AU) Kurzzeitwerte (ml/m³) : 15
 2-butoxyethanol : TLV[©] -TWA [ppm] : 20
 2-butoxyethanol : OEL (UK)-LTEL [ppm] : 25
 2-butoxyethanol : OEL (UK)-STEL [ppm] : 50
 2-butoxyethanol : ILV (EU) - 8 H - [mg/m³] : (98 Skin.)
 2-butoxyethanol : ILV (EU) - 8 H - [ppm] : (20 Skin.)
 2-butoxyethanol : ILV (EU) - 15 min - [mg/m³] : (246 Skin.)
 2-butoxyethanol : ILV (EU) - 15 min - [ppm] : (50 Skin.)
 2-butoxyethanol : HTP-värden - 8 H - [ppm] : 20
 2-butoxyethanol : HTP-värden - 15min - [ppm] : 50
 2-butoxyethanol : HTP-värden - 8 H - [mg/m³] : 98
 2-butoxyethanol : HTP-värden - 15min - [mg/m³] : 250
 2-butoxyethanol : NGV - [ppm] : 10
 2-butoxyethanol : NGV - [mg/m³] : 50
 2-butoxyethanol : KTV - [ppm] : 20
 2-butoxyethanol : KTV - [mg/m³] : 100
 2-butoxyethanol : VLA-ED [ppm] : 20
 2-butoxyethanol : VLA-ED [mg/m³] : 98
 2-butoxyethanol : VLA-EC [ppm] : 50
 2-butoxyethanol : VLA-EC [mg/m³] : 245
 2-butoxyethanol : MAK (AU) Tagesmittelwert (ml/m³) : 20
 2-butoxyethanol : MAK (AU) Kurzzeitwerte (mg/m³) : 200
 2-butoxyethanol : MAK (AU) Tagesmittelwert (mg/m³) : 98
 2-butoxyethanol : MAK (AU) Kurzzeitwerte (ml/m³) : 40

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

• Appearance

Physical state at 20 °C : Viscous liquid.
 Colour : White, black or coloured

• Odour


Odour : Characteristic.

• Odour threshold

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SECTION 9 Physical and chemical properties (continued)

Odour threshold	: Not established.
• pH	
pH value	: Not established.
• <u>Melting point / Freezing point</u>	
Freezing point [°C]	: Not established.
Melting point [°C]	: Not established.
• <u>Initial boiling point - boiling range</u>	
Initial boiling point [°C]	: Not established.
Final boiling point [°C]	: Not established.
• <u>Flash point</u>	
Flash point [°C]	: Not established.
• <u>Evaporation rate</u>	
Evaporation rate (ether=1)	: Not established.
• <u>Flammability</u>	
Flammability range [vol% in air]	: Not established.
• <u>Explosion limits (lower - upper)</u>	
Explosion limits - lower [%]	: Not established.
Explosion limits - upper [%]	: Not established.
• <u>Vapour pressure</u>	
Vapour pressure [20°C]	: Not established.
• <u>Vapour density</u>	
Relative vapour density (air=1)	: Not established.
• <u>Relative density</u>	
Density	: 1,40 kg/l
• <u>Solubility</u>	
Solubility in water	: Complete.
• <u>Partition coefficient : n-octanol / water</u>	
Partition coefficient : n-octanol / water	: Not established.
• <u>Auto-ignition temperature</u>	
Auto-ignition temperature [°C]	: Not established.
• <u>Thermal decomposition</u>	
Decomposition point [°C]	: Not established.
• <u>Viscosity</u>	
Viscosity	: 115-125 KU
• <u>Explosive Properties</u>	
Explosive Properties	: Not established.
• <u>Oxidising properties</u>	
Oxidising properties	: Not established.
<u>9.2. Other information</u>	
Other data	: None under normal conditions.

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SECTION 10 Stability and reactivity

10.1. Reactivity

- **Reactivity** : Stable under normal conditions.

10.2. Chemical stability

- **Stability** : Stable under normal conditions.

10.3. Possibility of hazardous reactions

- **Hazardous reactions** : Not established.
- **Hazardous properties** : Not established.

10.4. Conditions to avoid

- **Conditions to avoid** : Overheating.
Freezing.

10.5. Incompatible materials

- **Materials to avoid** : Strong acids.
Strong bases.
Oxidizer.

10.6. Hazardous decomposition products

- **Hazardous decomposition products** : None under normal conditions.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

- **On product** : This product is not hazardous but contains hazardous components.
- **Acute toxicity** : Not established.
- **Dermal** : Not established.
- **Ocular** : Not established.
- **Ingestion** : Not established.
- **Sensitization** : Not established.

SECTION 12 Ecological information

12.1. Toxicity

- **Toxicity** : Not established.

12.2. Persistence - degradability

- **Persistence - degradability** : Not established.

12.3. Bioaccumulative potential

- **Bioaccumulative potential** : Not established.

12.4. Mobility in soil

- **Mobility in soil** : Not established.

12.5. Results of PBT and vPvB assessment

- **Results of PBT and vPvB assessment** : Not established.


12.6. Other adverse effects

- **Other adverse effects** : Avoid release to the environment.

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SECTION 13 Disposal considerations

13.1. Waste treatment methods

- **General** : Avoid release to the environment.
Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

14.1. UN Number

UN No. : Not regulated.

14.2. Proper shipping name

Proper shipping name : Not regulated.

14.3. Transport Hazard Classification

Land transport

ADR/RID : Not regulated.

H.I. nr : Not regulated.

- ADR Class : Not regulated.

- ADR/RID Classification code : Not regulated.

- ADR Packing group : Not regulated.

14.4. Packing group

- ADR Packing group : Not regulated.

14.5. Environmental hazards

Environmental hazards : Not regulated.

14.6. Special precautions for user

Personal precautions : The driver shall not attempt to deal with any fire of the load.

Emergency action in case of accident : Stop the engine.

14.7. Bulk transport - annex II Marpol 73/78 - IBC

Bulk transport - annex II Marpol 73/78 : Not regulated.

- IBC

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

- **Symbol(s)** : None.
- **R Phrase(s)** : None.
- **S Phrase(s)** : S2 : Keep out of the reach of children.
- **VOC g/l** : EU limit value for this product(cat.A/a): 30 g/l (2010) This product contains max 30 g/l VOC.

15.2. Chemical Safety Assessment

No Chemical Safety Assessment available.


SECTION 16 Other information

- **Sources of key data used** : Safety Data Sheets of the ingredients.
- **European Communities** : Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

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SECTION 16 Other information (continued)
• Other information

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

: The product meets the VOC paints directive 2004/42/EC
 This safety data sheet has been drawn up in accordance with the EC Regulation n° 1907/2006/EC (REACH) Annex II.
 The classification and labeling ring are determined in accordance with EU directives 67/548/EEC and 99/45/EC, including amendments (2001/60/EC and 2006/8/EC).

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

End of document

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