



SAFETY DATA SHEET

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Revised edition no : 2

Date : 27 / 5 / 2010

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BRISTOL - METALLIC LAK

4002019700



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

Trade name : BRISTOL - METALLIC LAK
Description : Water-based air drying paint.
Type of product : Paint.
Identification of the product : Liquid.
Use : Decorative paint for interior use.
Domestic.
Industrial.
Company identification : Bristol Coatings Holland
Stationsweg 13
2675 AM Honselersdijk NETHERLANDS
0031-(0)174-629006
www.bristolcoatingsholland.nl
info@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

Risk Phrases : Irritating to eyes.
Primary route of exposure : Eyes contact.
Symptoms relating to use
- Inhalation : Overexposure to vapours may result in cough.
- Skin contact : Repeated or prolonged skin contact may cause irritation.
- Eye contact : Redness, pain. Blurred vision.
- Ingestion : Abdominal pain, nausea.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Classification
Aluminium powder (stabilised)	: 10 - 25 %	7429-90-5	231-072-3	013-002-00-1	----- F; R15 R10
2-(2-butoxyethoxy)ethanol	: 1 - 5 %	112-34-5	203-961-6	603-096-00-8	----- Xi; R36
N-methyl-2-pyrrolidone	: 1 - 5 %	872-50-4	212-828-1	606-021-00-7	----- Xi; R36/38
2-butoxyethanol	: < 1 %	111-76-2	203-905-0	603-014-00-0	----- Xn; R20/21/22 Xi; R36/38
Triethylamine	: < 1 %	121-44-8	204-469-4	612-004-00-5	----- F; R11 Xn; R20/21/22 C; R35
Additief B	: < 1 %	-----	-----	-----	----- Xn; R22 C; R34 N; R50-53
Additief A	: < 1 %	-----	-----	-----	----- Xn; R22 C; R34
Sodiumdioctylsulfosuccinate	: < 1 %	577-11-7	209-406-4	-----	----- Xi; R41
Alcohols, C16-18, ethoxylated	: < 1 %	68439-49-6	500-212-8	-----	----- Xn; R22 Xi; R41

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3 COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Substance name	Contents	CAS No	EC No	Annex No	Classification
1-Methoxy-2-propanol	: < 0.1 %	107-98-2	203-539-1	603-064-00-3	----- R10
Ethanol	: < 0.1 %	64-17-5	200-578-6	603-002-00-5	----- F; R11
Poly(oxy-1,2-ethandiyl)(Octadecan-1-ol, ethoxylated)	: < 0.1 %	9005-00-9	500-017-8	-----	----- Xi; R41
Nonylphenol	: < 0.01 %	68412-54-4	-----	-----	----- Xn; R22 Xi; R41 N; R51-53

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.

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

- General precautions : No naked lights. No smoking.
- Personal precautions : When using, do not eat, drink or smoke.
- 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.
Keep away from sources of ignition.
Protect from freezing.
Keep away from food, drink and animal feeding stuffs.

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7 HANDLING AND STORAGE (continued)

Storage - away from

Close container tightly after use.

: 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 : Wear gloves.

- 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/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-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.)
1-Methoxy-2-propanol : ILV (EU) - 8 H - [mg/m³] : 375 (Skin.)
1-Methoxy-2-propanol : ILV (EU) - 8 H - [ppm] : 100 (Skin.)
1-Methoxy-2-propanol : ILV (EU) - 15 min - [mg/m³] : 568 (Skin.)
1-Methoxy-2-propanol : ILV (EU) - 15 min - [ppm] : 150 (Skin.)
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 : Silver

Odour : Paint.

Boiling point [°C] : >100°C

Density : 1,101 kg/l

Viscosity : 85 - 90 KU

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.



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10 STABILITY AND REACTIVITY (continued)

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 : Avoid release to the environment.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

EUROPEAN COMMUNITIES

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

Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

EC Classification : Xi; R36
R52-53

EC Labelling

Symbol(s) : Xi : Irritant

R Phrase(s) : R36 : Irritating to eyes.
R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase(s) : S2 : Keep out of the reach of children.
S23 : Do not breathe spray.
S25 : Avoid contact with eyes.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 : If swallowed seek medical advice immediately and show this container or label.
S51 : Use only in well-ventilated areas.

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 54 g/l.

Other information : None.



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16 OTHER INFORMATION

Text of R-Phrases in § 3

: R10 : Flammable.
R11 : Highly flammable.
R15 : Contact with water liberates highly flammable gases.
R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.
R22 : Harmful if swallowed.
R34 : Causes burns.
R35 : Causes severe burns.
R36 : Irritating to eyes.
R36/38 : Irritating to eyes and skin.
R41 : Risk of serious damage to eyes.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

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