



SAFETY DATA SHEET

PROMATIC - ZINC RICH PRIMER 500ML AEROSOL

Page 1

Issued: 08/07/2009

Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product name: PROMATIC - ZINC RICH PRIMER 500ML AEROSOL
Product code: ZR500
Company name: PROMATIC
Second Avenue
Chatham
Kent
ME4 5AU
England
Tel: 01634 823900
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2. HAZARDS IDENTIFICATION

Classification under CHIP: Harmful by inhalation and in contact with skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Extremely flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking.

Workplace exposure limit: This product does not have a workplace exposure limit.

PBT: This substance is not identified as a PBT substance.

Directive 1999/45/EC: This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: 1-METHOXY-2-PROPANOL (*WEL) 1-10%
EINECS: 203-539-1 CAS: 107-98-2
[-] R10

- AT - ACETONE THINNER 10-30%
[F] R11; [Xi] R36; [-] R66; [-] R67
- BUTANE (*WEL) 10-30%
EINECS: 203-448-7 CAS: 106-97-8
[F+] R12
- ISOBUTANE (*WEL) 1-10%
EINECS: 200-857-2 CAS: 75-28-5
[F+] R12
- PROPANE (*WEL) 10-30%
EINECS: 200-827-9 CAS: 74-98-6
[F+] R12

[cont...]

SAFETY DATA SHEET

PROMATIC - ZINC RICH PRIMER 500ML AEROSOL

- XYLENE 10-30%
EINECS: 215-535-7 CAS: 1330-20-7
[-] R10; [Xn] R20/21; [Xi] R38
- ZINC POWDER - ZINC DUST (PYROPHORIC) 10-30%
EINECS: 231-175-3 CAS: 7440-66-6
[-] R15; [-] R17; [N] R50/53

4. FIRST AID MEASURES

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- Exposure hazards:** In combustion emits toxic fumes.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

- Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** 1-METHOXY-2-PROPANOL
UK - 8 hour TWA: 375 mg/m³
UK - 15 min. STEL: 560 mg/m³
- BUTANE
UK - 8 hour TWA: 1450 mg/m³
UK - 15 min. STEL: 1810 mg/m³
 - ISOBUTANE
UK - 8 hour TWA: 2400 mg/m³
UK - 15 min. STEL: 9600 mg/m³
 - PROPANE
UK - 8 hour TWA: 1800 mg/m³
UK - 15 min. STEL: 7200 mg/m³
 - XYLENE
UK - 8 hour TWA: 220 mg/m³
UK - 15 min. STEL: 441 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

Colour: Grey

Odour: Characteristic odour

Solubility in water: Insoluble

Flammability limits %: lower: 0.8

upper: 9.0

VOC g/l: 616

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Acute effects: Harmful by inhalation and in contact with skin. Irritating to eyes.

SAFETY DATA SHEET
 PROMATIC - ZINC RICH PRIMER 500ML AEROSOL

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be irritation and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

- Mobility:** Readily absorbed into soil.
- Persistence and degradability:** Not biodegradable.
- Bioaccumulative potential:** Bioaccumulation potential.
- Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.
- PBT identification:** This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

- Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.
- NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

- UN no:** 1950 **ADR Class:** 2
- Classification code:** 5F
- Shipping name:** AEROSOLS
- Labelling:** 2.1+EHS



IMDG / IMO

- UN no:** 1950 **Class:** 2
- EmS:** F-D,S-U **Marine pollutant:** .
- Labelling:** 2.1+EHS

IATA / ICAO

- UN no:** 1950 **Class:** 2
- Labelling:** 2.1+EHS

15. REGULATORY INFORMATION (CHIP)

Hazard symbols: Harmful.

Dangerous for the environment.

Extremely flammable.



Risk phrases: R20/21: Harmful by inhalation and in contact with skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R12: Extremely flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour/spray

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37: Wear suitable protective clothing and gloves.

S60: This material and its container must be disposed of as hazardous waste.

S2: Keep out of the reach of children.

S51: Use only in well-ventilated areas.

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Haz. ingredients (label): ACETONE; XYLENE; ZINC POWDER - ZINC DUST (PYROPHORIC)

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

* indicates text in the SDS which has changed since the last revision.

Risk phrases used in s.3: R10: Flammable.

R11: Highly flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

SAFETY DATA SHEET

PROMATIC - ZINC RICH PRIMER 500ML AEROSOL

R12: Extremely flammable.

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R15: Contact with water liberates extremely flammable gases.

R17: Spontaneously flammable in air.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.