SAFETY DATA SHEET

TEMAPRIME ABCD

Date 01.15.2012 Previous date: 23.3.2006

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

1.1 Identification of the article
1.1.1 Commercial Product Name
TEMAPRIME ABCD

1.1.2 Product code
006 7450 - 7452

1.2 Use of the Substance/Preparation
1.2.1 Intended use
Painting work
Description: An anti-corrosive pigmented alkyd primer for steel surfaces.

1.3 Identification of the company
1.3.1 Supplier

1.3.2 Contact Information:
P.O.Box
Postcode and post office
Telephone
Telefax

1.3.4 Responsible for the Safety Data Sheet:

1.4 Emergency telephone number
1.4.1 Telephone number, name and address

2. HAZARDS IDENTIFICATION

Flammable.
Dangerous for the environment
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Information on hazard labelling in section 15.1.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Hazardous components

<table>
<thead>
<tr>
<th>CAS number</th>
<th>EINECS</th>
<th>Chemical name of the substance</th>
<th>Concentration</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-48-9</td>
<td>265-150-3</td>
<td>Naphtha, hydrotreated heavy (aliphatic hydrocarbon solvent)</td>
<td>25 - 50 %</td>
<td>Xn; R10-65-66</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>215-535-7</td>
<td>Xylene</td>
<td>1 - 5 %</td>
<td>Xn; R10-20/21-38</td>
</tr>
<tr>
<td>7779-90-0</td>
<td>231-944-3</td>
<td>Zinc phosphate</td>
<td>5 - 10 %</td>
<td>N; R50/53</td>
</tr>
<tr>
<td>1314-13-2</td>
<td>215-222-5</td>
<td>Zinc oxide</td>
<td>1 - 5 %</td>
<td>N; R50/53</td>
</tr>
<tr>
<td>96-29-7</td>
<td>202-496-6</td>
<td>Methylethylketoxime</td>
<td>&lt; 0,5 %</td>
<td>Xn; R21-40-41-43</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

4.1 Additional advice
In all cases of doubt, or when symptoms persist, seek medical attention.

4.2 Inhalation
Remove to fresh air, keep patient warm and at rest.

4.3 Skin contact
Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser.

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4.4 Eye contact
Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

4.5 Ingestion
If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media
Use foam, CO₂, powder or water spray.

5.2 Extinguishing media which must not be used for safety reasons
Waterjet

5.3 Specific hazards
Fire will produce dense black smoke, which contains decomposition products. Avoid breathing the smoke.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions
Avoid breathing vapours. Exclude sources of ignition.

6.2 Environmental precautions
Do not allow to enter drains or water courses.

6.3 Methods for cleaning up
Contain and collect spillage with non-combustible absorbent materials, e.g. sand or vermiculite and place in a container for disposal according to local regulations. Clean preferably with a detergent; avoid the use of solvents. Note! Products containing oxidative drying oil or alkyd (linseed oil varnish, alkyd paints and -lacquers) have a possibility of auto-ignition in porous materials damped by the product. This kind of waste must be collected and stored e.g. in water before disposal or burning.

7. HANDLING AND STORAGE

7.1 Handling
Vapours are heavier than air and may form explosive mixtures with air. Good ventilation must be provided. Keep away from sources of ignition. Take precautionary measures against static discharges.

7.2 Storage
Keep containers tightly closed. Store in a cool, dry, well ventilated place away from sources of heat and direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Limit Values
8.1.1 Occupational exposure limit values
Xylene 100 ppm (8 h)
Zinc oxide 2 mg/m³ (8 h)

8.1.2 Information on limit values
TLV-TWA = Threshold Limit Values - Time-weighted average / ACGIH 2008

8.2 Exposure controls
8.2.1 Occupational exposure controls
Provide adequate ventilation. Comply with the health and safety at work laws.

8.2.1.1 Respiratory protection
Use appropriate certified respirators, with gas and vapor filter A, during sanding with dust filter P2, if ventilation is insufficient. During spray-application use respirators with gas, vapor and dust filter AP. During continuous and long-term work the use of air-fed or motor-driven respirators is recommended.

8.2.1.2 Hand protection
Always wear protective gloves (e.g. nitrile rubber). Barrier creams may also help to protect the exposed
areas of the skin.

8.2.1.3 Eye protection
Safety eyewear must be used, specially during spray-application.

8.2.1.4 Skin and body protection
Protective clothing must be used during spray-application.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Information (appearance, odour)
Coloured, viscous liquid, strong odour.

9.2 Important Health Safety and Environmental Information
9.2.2 Boiling point/range 145 - 200 °C *)
9.2.3 Flash point 36°C *)
9.2.5 Explosive properties
9.2.5.1 Lower explosion limit 0,6 vol-% *)
9.2.5.2 Upper explosion limit 7,0 vol-% *)
9.2.7 Vapour pressure 0,2 kPa (20 °C) *)
9.2.8 Relative density 1,29 - 1,31
9.2.9 Solubility
9.2.9.1 Water solubility Insoluble
9.2.11 Viscosity flow time more than 30 sec / ISO 3 mm cup
9.3 Other data
Evaporation rate (BuAc=1) : 0,14 *)
*) = Naphtha, hydrotreated heavy

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid
Solvent vapours may form explosive mixtures with air.

10.2 Materials to avoid
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.3 Hazardous decomposition products
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity
See section 11.5.

11.2 Primary irritation
See section 11.5.

11.3 Sensitisation
Contains methylethylketoxime. May produce an allergic reaction.

11.5 Human experience
11.5.1 Inhalation: Solvent vapours and spray mist harmful if inhaled. Long term exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache and dizziness.
11.5.2 Skin contact: Repeated or prolonged contact with the preparation may cause removal of the natural fat from the skin resulting in contact dermatitis. Splashes in the eyes may cause irritation.
11.5.3 Other effects: Harmful if taken internally.

12. ECOLOGICAL INFORMATION

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12.1 Ecotoxicity

12.1.1 Aquatic toxicity
Zinc oxide: EC50 = 0.17 mg/l, selenastrum capricornutum, 72 h; very toxic. Zinc phosphate:
LC50(fish) = 0.14-2.6 mg Zn2+/l;
EC50(48h, daphnia magna) = 0.04-0.86 mg
Zn2+/l, EC50(72h, algae) = 0.136-0.150 mg Zn2+/l

12.6 Other adverse effects
There is no data available on the preparation itself. The product should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS

13.1 Product residues: Gather residues into waste containers. Destroy per the rules given by local authorities. EWC-code for liquid waste is e.g 08 01 11 (waste paint and varnish containing organic solvents or other dangerous substances).
13.2 Packaging waste: Empty cans should be recycled or disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1 UN No 1263
14.2 Packing group III
14.3 Land transport
14.3.1 ADR/RID Class 3
14.3.3 Description of the goods paint
14.4 Sea transport
14.4.1 IMDG Class 3
14.4.2 Proper shipping name paint
14.4.3 Further Information EmS: F-E,S-E
14.5 Air transport
14.5.1 ICAO/IATA Class 3
14.5.2 Proper shipping name paint

15. REGULATORY INFORMATION

15.1 Information on the warning label
15.1.1 Letter code of the warning symbol and indications of danger for the preparation
N Dangerous for the environment
15.1.2 Names of the ingredients given on the warning label
Naphtha, hydrotreated heavy
Zinc phosphate
15.1.3 R-phrase(s)
R10 Flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
15.1.4 S-phrase(s)
S23 Do not breathe vapour/spray.
S29 Do not empty into drains.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.
15.1.5 Special regulations on certain preparations
Contains methylethylketoxime. May produce an allergic reaction.

16. OTHER INFORMATION

16.1 Full text of R-phrases referred to under sections 2 and 3

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R10 Flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R20/21 Harmful by inhalation and in contact with skin.
R21 Harmful in contact with skin.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.
R43 May cause sensitization by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

16.4 Additional information
The information of this SDS is based on the present state of our knowledge and on current EC laws. It is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.

Signature