SAFETY DATA SHEET
CEMENTONE BITUMINOUS WATERPROOFER FOR ROOFS

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

PRODUCT NAME               CEMENTONE BITUMINOUS WATERPROOFER FOR ROOFS
PRODUCT NO.                 15501, 15502
SUPPLIER                    BOSTIK LIMITED
                            COMMON ROAD
                            STAFFORD
                            STAFFORDSHIRE
                            ST16 3EH
                            +44 1785 272625
                            sds.uk@bostik.com
EMERGENCY TELEPHONE         +44 1785 272650 (24 Hours)

2 HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content %</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISODECYLOXYPROPYLAMINE ACETATE</td>
<td>28701-67-9</td>
<td>&lt; 1%</td>
<td></td>
<td>Xn;R22. C;R34. Xi;R37. N;R50/53. R43.</td>
</tr>
<tr>
<td>NAPHTHA (PETROLEUM), HYDROSULFURIZED</td>
<td>265-185-4</td>
<td>64742-82-1</td>
<td>30-60%</td>
<td>Xn;R65. N;R51/53. R10,R66.</td>
</tr>
<tr>
<td>HEAVY; LOW BOILING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHOSPHORIC ACID ...%</td>
<td>231-633-2</td>
<td>7664-38-2</td>
<td>&lt; 1%</td>
<td>C;R34</td>
</tr>
<tr>
<td>PROPAN-2-OL</td>
<td>200-661-7</td>
<td>67-63-0</td>
<td>&lt; 1%</td>
<td>F;R11 Xi;R36 R67</td>
</tr>
<tr>
<td>QUARTZ</td>
<td>238-878-4</td>
<td>14808-60-7</td>
<td>1-5%</td>
<td>Xn;R48/20.</td>
</tr>
<tr>
<td>REACTION PRODUCT WITH FATTY ACID AND</td>
<td>295-532-5</td>
<td>92062-17-4</td>
<td>&lt; 1%</td>
<td>Xi;R38,R41. N;R50/53.</td>
</tr>
<tr>
<td>AMINOETHYLPIPERAZINE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases is Displayed in Section 16

COMPOSITION COMMENTS
Product contains silica which in the form the product is supplied is not hazardous, however inhalation of dust generated from dried material must be avoided.

4 FIRST-AID MEASURES

INHALATION
Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION
DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT
Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Continue to rinse for at least 15 minutes and seek medical attention.

EYE CONTACT
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Extinguish with foam, carbon dioxide or dry powder.
CEMENTONE BITUMINOUS WATERPROOFER FOR ROOFS

SPECIAL FIRE FIGHTING PROCEDURES
Avoid breathing fire vapours. Keep up-wind to avoid fumes. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS
Forms explosive mixtures with air.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Risk of contact: Wear protective gloves and goggles/face shield.

ENVIRONMENTAL PRECAUTIONS
Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

SPILL CLEAN UP METHODS
Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb onto sand, earth or absorbent granules. Pick up with non-sparking tools and place into metal containers with sealable lids. Mark containers with details of hazards and store in designated area ready for disposal.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact.

STORAGE CLASS
Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHOSPHORIC ACID ...%</td>
<td>WEL</td>
<td>1 mg/m³</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>PROPAN-2-OL</td>
<td>WEL</td>
<td>400 ppm</td>
<td>999 mg/m³</td>
<td>500 ppm</td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS
WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Use engineering controls to reduce air contamination to permissible exposure level.

ENGINEERING MEASURES
Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT
Gas cartridge suitable for organic substances.

HAND PROTECTION
Use suitable protective gloves if risk of skin contact. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

EYE PROTECTION
Wear goggles/face shield.

OTHER PROTECTION
Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES
When using do not eat, drink or smoke.

SKIN PROTECTION
Wear apron or protective clothing in case of splashes.
CEMENTONE BITUMINOUS WATERPROOFER FOR ROOFS

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Fibrous Paste</td>
</tr>
<tr>
<td>Colour</td>
<td>Black</td>
</tr>
<tr>
<td>Odour</td>
<td>Solvent</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.45</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>50 CC (Closed cup)</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

Stability

Stable under normal temperature conditions and recommended use.

Conditions to Avoid

Avoid contact with oxidisers or reducing agents.

11 TOXICOLOGICAL INFORMATION

Inhalation

Vapour may irritate respiratory system or lungs.

Ingestion

May cause discomfort if swallowed. Harmful: may cause lung damage if swallowed.

Skin Contact

Repeated exposure may cause skin dryness or cracking.

Eye Contact

Irritating to eyes.

12 ECOLOGICAL INFORMATION

Ecotoxicity

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. Contamination of the terrestrial and aquatic environments should be avoided.

13 DISPOSAL CONSIDERATIONS

General Information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

14 TRANSPORT INFORMATION

Proper Shipping Name: TARS, LIQUID (REACTION PRODUCT WITH FATTY ACID AND AMINOETHYLPIPERAZINE)

<table>
<thead>
<tr>
<th>Code</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN NO. ROAD</td>
<td>1999</td>
</tr>
<tr>
<td>ADR CLASS NO.</td>
<td>3</td>
</tr>
<tr>
<td>ADR CLASS</td>
<td>Class 3: Flammable liquids.</td>
</tr>
<tr>
<td>ADR PACK GROUP</td>
<td>III</td>
</tr>
<tr>
<td>HAZARD No. (ADR)</td>
<td>30</td>
</tr>
<tr>
<td>ADR LABEL NO.</td>
<td>3</td>
</tr>
<tr>
<td>HAZCHEM CODE</td>
<td>2WE</td>
</tr>
<tr>
<td>UN NO. SEA</td>
<td>1999</td>
</tr>
<tr>
<td>IMDG CLASS</td>
<td>3</td>
</tr>
<tr>
<td>IMDG PACK GR.</td>
<td>III</td>
</tr>
<tr>
<td>EMS</td>
<td>F-E, S-E</td>
</tr>
</tbody>
</table>
CEMENTONE BITUMINOUS WATERPROOFER FOR ROOFS

15 REGULATORY INFORMATION

LABELLING

Dangerous for the environment

RISK PHRASES

R10 Flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES

S2 Keep out of the reach of children.
S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
P14 Contains ISODECYLOXYPROPYLAMINE ACETATE. May produce an allergic reaction.

STATUTORY INSTRUMENTS


APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

16 OTHER INFORMATION

GENERAL INFORMATION
This product should be used as directed by Bostik Ltd. For further information consult the product data sheet or contact Technical Services.

INFORMATION SOURCES
This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

REVISION COMMENTS
NOTE: Lines within the margin indicate significant changes from the previous revision. This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Limited.

ISSUED BY
Approved LJ

REVISION DATE October 2010

REV. NO./REPL. SDS GENERATED 6

DATE March 2007
Cementone Bituminous Waterproofer for Roofs

Risk Phrases in Full

R34 Causes burns.
R10 Flammable.
R22 Harmful if swallowed.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65 Harmful: may cause lung damage if swallowed.
R11 Highly flammable.
R36 Irritating to eyes.
R37 Irritating to respiratory system.
R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R66 Repeated exposure may cause skin dryness or cracking.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.