SAFETY DATA SHEET
EVO-STIK TIMEBOND ADHESIVE

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

PRODUCT NAME         EVO-STIK TIMEBOND ADHESIVE
PRODUCT NO.           627901, 628090, 628199
SUPPLIER              BOSTIK LIMITED
                      COMMON ROAD
                      STAFFORD
                      STAFFORDSHIRE
                      ST16 3EH
                      +44 1785 272625
                      sds.uk@bostik.com

2 HAZARDS IDENTIFICATION

Highly flammable. Vapours may cause drowsiness and dizziness. Irritating to skin. 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>BUTANONE</td>
<td>201-159-0</td>
<td>78-93-3</td>
<td>5-10%</td>
<td>F;R11 Xi;R36 R66 R67</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>203-806-2</td>
<td>110-82-7</td>
<td>10-30%</td>
<td>F;R11 Xn;R65 Xi;R38 R67 N;R50/53</td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>205-500-4</td>
<td>141-78-6</td>
<td>1-5%</td>
<td>F;R11 Xi;R36 R66 R67</td>
</tr>
<tr>
<td>HEXANE-norm</td>
<td>203-777-6</td>
<td>110-54-3</td>
<td>&lt; 1%</td>
<td>F;R11 Repr. Cat. 3;R62 Xn;R48/20,R65 Xi;R38 R67 N;R51/53</td>
</tr>
<tr>
<td>NAPHTHA (PETROLEUM), HYDRODESULFURIZED LIGHT, DEAROMATIZED; &lt;0.1% BENZENE</td>
<td>295-434-2</td>
<td>92045-53-9</td>
<td>10-30%</td>
<td>Xn;R65. Xi;R38. F;R11. N;R51/53. R67.</td>
</tr>
<tr>
<td>NAPHTHA (PETROLEUM), HYDROTREATED LIGHT, &lt;0.1% BENZENE</td>
<td>265-151-9</td>
<td>64742-49-0</td>
<td>5-10%</td>
<td>Xn;R65. Xi;R38. F;R11. N;R51/53. R67.</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>ROSIN</td>
<td>232-475-7</td>
<td>8050-09-7</td>
<td>&lt; 1%</td>
<td>R43</td>
</tr>
</tbody>
</table>

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

4 FIRST-AID MEASURES

INHALATION
Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

INGESTION
DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT
Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

EYE CONTACT
 Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Fire can be extinguished using: Foam, carbon dioxide or dry powder.
EVO-STIK TIMEBOND ADHESIVE

SPECIAL FIRE FIGHTING PROCEDURES
Fight advanced or massive fires from safe distance or protected location. Keep run-off water out of sewers and water sources. Dike for water control. Ventilate closed spaces before entering them. Keep up-wind to avoid fumes.

UNUSUAL FIRE & EXPLOSION HAZARDS
May travel considerable distance to source of ignition and flash back. Heat may cause the containers to explode. Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground to sources of ignition.

SPECIFIC HAZARDS
Toxic gases/vapours/fumes of: Carbon dioxide (CO2). Carbon monoxide (CO).

PROTECTIVE MEASURES IN FIRE
Wear self contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
In case of inadequate ventilation, use respiratory protection. Use protective gloves, goggles and suitable protective clothing. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS
Prevent entry into drains.

SPILL CLEAN UP METHODS
Absorb with sand or other inert absorbent. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS
Flammable/combustible - Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in dry, well ventilated area.

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>BUTANONE</td>
<td>WEL</td>
<td>200 ppm(Sk)</td>
<td>600 mg/m3(Sk)</td>
<td>300 ppm(Sk)</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>WEL</td>
<td>100 ppm</td>
<td>350 mg/m3</td>
<td>300 ppm</td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>WEL</td>
<td>200 ppm</td>
<td>400 ppm</td>
<td></td>
</tr>
<tr>
<td>HEXANE-norm</td>
<td>WEL</td>
<td>20 ppm</td>
<td>72 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

ENGINEERING MEASURES
Explosion-proof general and local exhaust ventilation.

RESPIRATORY EQUIPMENT
Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION
Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile.
EVO-STIK TIMEBOND ADHESIVE

EYE PROTECTION
Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION
Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES
Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Liquid</td>
</tr>
<tr>
<td>COLOUR</td>
<td>Light (or pale) Brown</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Characteristic</td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td>-15</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Avoid: Heat, sparks, flames.

11 TOXICOLOGICAL INFORMATION

INHALATION
Drowsiness, dizziness, disorientation, vertigo.

SKIN CONTACT
Prolonged contact may cause dryness of the skin.

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.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME
ADHESIVES (CYCLOHEXANE)

UN NO. ROAD       1133
ADR CLASS NO.     3
ADR CLASS          Class 3: Flammable liquids.
ADR PACK GROUP    III
TUNNEL RESTRICTION CODE (D/E) 30
HAZARD No. (ADR)    30
ADR LABEL NO.      3
HAZCHEM CODE       •3YE
UN NO. SEA         1133
IMDG CLASS         3
EVO-STIK TIMEBOND ADHESIVE

IMDG PACK GR. III
EMS F-E, S-D
UN NO. AIR 1133
AIR CLASS 3
AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING

Irritant
Highly Flammable
Dangerous for the environment

RISK PHRASES

R11 Highly flammable.
R38 Irritating to skin.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S2 Keep out of the reach of children.
S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S24 Avoid contact with skin.
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 ROSIN. 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. CHIP for everyone HSG(108). 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

REV. NO./REPL. SDS GENERATED 6
DATE January 2006
## EVO-STIK TIMEBOND ADHESIVE

### RISK PHRASES IN FULL

- **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.
- **R38** Irritating to skin.
- **R43** May cause sensitisation by skin contact.
- **R62** Possible risk of impaired fertility.
- **R66** Repeated exposure may cause skin dryness or cracking.
- **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.