SAFETY DATA SHEET
EVO-STIK 528 CONTACT ADHESIVE

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

PRODUCT NAME: EVO-STIK 528 CONTACT ADHESIVE
PRODUCT NO.: 805200, 805507, 805705, 805910, 805729
SUPPLIER: BOSTIK LIMITED
COMMON ROAD
STAFFORD
STAFFORDSHIRE
ST16 3EH
+44 1785 255141
+44 1785 272650 (24 HOUR)
sds.uk@bostik.com

2 HAZARDS IDENTIFICATION

Highly flammable. Vapours may cause drowsiness and dizziness. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION: Xi;R36/38. F;R11. N;R51/53. R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTANONE</td>
<td>201-159-0</td>
<td>78-93-3</td>
<td>10-30%</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>10-30%</td>
<td>F;R11 Xi;R36 R66 R67</td>
</tr>
<tr>
<td>FORMALDEHYDE ...%</td>
<td>200-001-8</td>
<td>50-00-0</td>
<td>&lt; 1%</td>
<td>Carc3;R40 T;R23/24/25 C;R34 R43</td>
</tr>
<tr>
<td>HEPTANE AND ISOMERS</td>
<td></td>
<td></td>
<td>5-10%</td>
<td>Xn;R65. Xi;R38. F;R11. N;R50/53. R67.</td>
</tr>
<tr>
<td>HEXANE, MIXTURE OF ISOMERS</td>
<td></td>
<td></td>
<td>1-5%</td>
<td>Xn;R65. Xi;R38. F;R11. N;R51/53. 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 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53</td>
</tr>
<tr>
<td>METHYLCYCLOHEXANE</td>
<td>203-624-3</td>
<td>108-87-2</td>
<td>1-5%</td>
<td>F;R11 Xn;R65 Xi;R38 R67 N;R51/53</td>
</tr>
<tr>
<td>N-HEXANE</td>
<td>203-777-6</td>
<td>110-54-3</td>
<td>&lt; 1%</td>
<td>F;R11 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53</td>
</tr>
<tr>
<td>PENTANE</td>
<td>203-692-4</td>
<td>109-66-0</td>
<td>&lt; 1%</td>
<td>F+;R12 Xn;R65 R66 R67 N;R51/53</td>
</tr>
<tr>
<td>PROPA-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>
<tr>
<td>XYLENE</td>
<td>215-535-7</td>
<td>1330-20-7</td>
<td>&lt; 1%</td>
<td>R10 Xn;R20/21 Xi;R38</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are 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.

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
EVO-STIK 528 CONTACT ADHESIVE

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>LT - ppm</th>
<th>LT - mg/m³</th>
<th>ST - ppm</th>
<th>ST - mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTANONE</td>
<td>WEL</td>
<td>200 ppm</td>
<td>600 mg/m³</td>
<td>300 ppm</td>
<td>899 mg/m³</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>WEL</td>
<td>100 ppm</td>
<td>350 mg/m³</td>
<td>300 ppm</td>
<td>1050 mg/m³</td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>WEL</td>
<td>200 ppm</td>
<td>400 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FORMALDEHYDE ...%</td>
<td>WEL</td>
<td>2 ppm</td>
<td>2.5 mg/m³</td>
<td>2 ppm</td>
<td>2.5 mg/m³</td>
</tr>
<tr>
<td>HEXANE-norm</td>
<td>WEL</td>
<td>20 ppm</td>
<td>72 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N-HEXANE</td>
<td>WEL</td>
<td>20 ppm</td>
<td>72 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PENTANE</td>
<td>WEL</td>
<td>600 ppm</td>
<td>1800 mg/m³</td>
<td></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>
<td>1250 mg/m³</td>
</tr>
<tr>
<td>XYLENE</td>
<td>WEL</td>
<td>50 ppm</td>
<td>220 mg/m³</td>
<td>100 ppm</td>
<td>441 mg/m³</td>
</tr>
</tbody>
</table>

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.

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>APPEARANCE</th>
<th>COLOUR</th>
<th>ODOUR</th>
<th>SOLUBILITY</th>
<th>RELATIVE DENSITY</th>
<th>FLASH POINT (°C)</th>
<th>STABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Yellowish</td>
<td>of solvents</td>
<td>Insoluble in water</td>
<td>0.84</td>
<td>minus 5 C to minus 20 C</td>
<td>Heat, sparks, flames.</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Avoid: Heat, sparks, flames.
EVO-STIK 528 CONTACT ADHESIVE

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

14 TRANSPORT INFORMATION

UK ROAD CLASS 3
PROPER SHIPPING NAME ADHESIVES
UN NO. ROAD 1133 UK ROAD PACK GR. III
ADR CLASS NO. 3 ADR CLASS Class 3: Flammable liquids.
ADR PACK GROUP III HAZARD No. (ADR) 30
ADR LABEL NO. 3 HAZCHEM CODE 3Y
CEFIC TEC(R) NO. 30GF1-III, 30GF1-sp RID CLASS NO. 3
RID PACK GROUP III UN NO. SEA 1133
IMDG CLASS 3 IMDG PACK GR. III
EMS F-E, S-D MARINE POLLUTANT No.
UN NO. AIR 1133 AIR CLASS 3
AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING

RISK PHRASES
R11 Highly flammable.
R36/38 Irritating to eyes and skin.
**EVO-STIK 528 CONTACT ADHESIVE**

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.

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

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.

S64 If swallowed, rinse mouth with water (only if the person is conscious).

P14 Contains ROSIN. May produce an allergic reaction.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

**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**

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** March 2008

**REV. NO./REPL. SDS GENERATED** 5

**DATE** August 2006
EVO-STIK 528 CONTACT ADHESIVE

RISK PHRASES IN FULL

R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R20/21 Harmful by inhalation and in contact with skin.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R36 Irritating to eyes.
R37 Irritating to respiratory system.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
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.
R62 Possible risk of impaired fertility.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.