SAFETY DATA SHEET
EVO-STIK IMPACT CONTACT ADHESIVE

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME EVO-STIK IMPACT CONTACT ADHESIVE
PRODUCT NO. P038190, P038200, 389113, 389106, 347908, 347502, 348101, 348301, S348103, S348301, P038500, P038810
APPLICATION Adhesive.
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

Highly flammable  Vapours may cause drowsiness and dizziness. Irritating to eyes and skin. Harmful 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>ACETONE</td>
<td>200-662-2</td>
<td>67-64-1</td>
<td>10-30%</td>
<td>F;R11 Xi;R36 R66 R67</td>
</tr>
<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>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>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>64742-49-0</td>
<td>&lt; 1%</td>
<td>5-10%</td>
<td>Xn;R65. Xi;R38. F;R11. N;R51/53. 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>5-10%</td>
<td>R10 Xn;R20/21 Xi;R38</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 IMPACT CONTACT ADHESIVE

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

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Follow precautions for safe handling described in this safety data sheet. Take precautionary measures against static discharges.

SPILL CLEAN UP METHODS
Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

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>ACETONE</td>
<td>WEL</td>
<td>500 ppm</td>
<td>1210 mg/m3</td>
<td>1500 ppm 3620 mg/m3</td>
</tr>
<tr>
<td>BUTANONE</td>
<td>WEL</td>
<td>200 ppm(Sk)</td>
<td>600 mg/m3(Sk)</td>
<td>300 ppm 899 mg/m3(Sk)</td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>WEL</td>
<td>200 ppm</td>
<td></td>
<td>400 ppm</td>
</tr>
<tr>
<td>XYLINE</td>
<td>WEL</td>
<td>50 ppm(Sk)</td>
<td>220 mg/m3(Sk)</td>
<td>100 ppm 441 mg/m3(Sk)</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.

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 hands at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Liquid
COLOUR Yellowish
ODOUR of solvents
EVO-STIK IMPACT CONTACT ADHESIVE

SOLUBILITY
Insoluble in water

RELATIVE DENSITY
0.84

FLASH POINT (°C)
-20

10 STABILITY AND REACTIVITY

STABILITY
Avoid Heat, sparks, flames.

CONDITIONS TO AVOID
Not known.

MATERIALS TO AVOID
No incompatible groups noted.

HAZARDOUS DECOMPOSITION PRODUCTS
Not known.

11 TOXICOLOGICAL INFORMATION

INHALATION
Drowsiness, dizziness, disorientation, vertigo.

SKIN CONTACT
Irritating to skin.

EYE CONTACT
Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product contains a substance which may have adverse effects on waste water treatment processes.

MOBILITY
Semi-mobile.

BIOACCUMULATION
No data available on bioaccumulation.

DEGRADABILITY
No data available.

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME
ADHESIVES

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT
No.

UN NO. ROAD
1133

ADR CLASS NO.
3

ADR CLASS
Class 3: Flammable liquids.

ADR PACK GROUP
III

TUNNEL RESTRICTION CODE
(D/E)

HAZARD No. (ADR)
30

ADR LABEL NO.
3
EVO-STIK IMPACT CONTACT ADHESIVE

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

15 REGULATORY INFORMATION

LABELLING

\[ \text{Irritant} \quad \text{Highly flammable} \]

RISK PHRASES

R11 Highly flammable
R36/38 Irritating to eyes and skin.
R52/53 Harmful 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.
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.
S56 Dispose of this material and its container to hazardous or special waste collection point.
P14 Contains ROSIN. May produce an allergic reaction.

EU DIRECTIVES

STATUTORY INSTRUMENTS

APPROVED CODE OF PRACTICE
Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES
Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

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 2
RISK PHRASES IN FULL

R10   Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65   Harmful: may cause lung damage if swallowed.
R11   Highly flammable
R36/38 Irritating to eyes and skin.
R36   Irritating to eyes.
R38   Irritating to skin.
R43   May cause sensitisation by skin contact.
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.