



## SAFETY DATA SHEET

### EVO-STIK IMPACT CONTACT ADHESIVE

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

PRODUCT NAME EVO-STIK IMPACT CONTACT ADHESIVE

PRODUCT NO. 347502, 348103, 348301, 389106, 389113, 347908, P038200

SUPPLIER BOSTIK LIMITED  
COMMON ROAD  
STAFFORD  
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#### 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

| Name                                                                            | EC No.    | CAS-No.    | Content | Classification                                              |
|---------------------------------------------------------------------------------|-----------|------------|---------|-------------------------------------------------------------|
| BUTANONE                                                                        | 201-159-0 | 78-93-3    | 10-30%  | F;R11 Xi;R36 R66 R67                                        |
| CYCLOHEXANE                                                                     | 203-806-2 | 110-82-7   | 10-30%  | F;R11 Xn;R65 Xi;R38 R67 N;R50/53                            |
| ETHYL ACETATE                                                                   | 205-500-4 | 141-78-6   | 10-30%  | F;R11 Xi;R36 R66 R67                                        |
| HEXANE-norm                                                                     | 203-777-6 | 110-54-3   | < 1%    | F;R11 Repr. Cat. 3;R62 Xn;R65,R48/20<br>Xi;R38 R67 N;R51/53 |
| NAPHTHA (PETROLEUM),<br>HYDRODESULFURIZED LIGHT, DEAROMATIZED;<br><0.1% BENZENE | 295-434-2 | 92045-53-9 | 5-10%   | Xn;R65. Xi;R38. F;R11. N;R51/53. R67.                       |
| NAPHTHA (PETROLEUM), HYDROTREATED<br>LIGHT, <0.1% BENZENE                       | 265-151-9 | 64742-49-0 | 5-10%   | Xn;R65. Xi;R38. F;R11. N;R51/53. R67.                       |
| PROPAN-2-OL                                                                     | 200-661-7 | 67-63-0    | < 1%    | F;R11 Xi;R36 R67                                            |
| ROSIN                                                                           | 232-475-7 | 8050-09-7  | < 1%    | R43                                                         |

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.

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### 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 (CO<sub>2</sub>). 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

| Name          | Std | TWA - 8 hrs |               | STEL - 15 min |               | Notes |
|---------------|-----|-------------|---------------|---------------|---------------|-------|
| BUTANONE      | WEL | 200 ppm(Sk) | 600 mg/m3(Sk) | 300 ppm(Sk)   | 899 mg/m3(Sk) |       |
| CYCLOHEXANE   | WEL | 100 ppm     | 350 mg/m3     | 300 ppm       | 1050 mg/m3    |       |
| ETHYL ACETATE | WEL | 200 ppm     |               | 400 ppm       |               |       |
| HEXANE-norm   | WEL | 20 ppm      | 72 mg/m3      |               |               |       |
| PROPAN-2-OL   | WEL | 400 ppm     | 999 mg/m3     | 500 ppm       | 1250 mg/m3    |       |

WEL = Workplace Exposure Limit.

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

#### PROTECTIVE EQUIPMENT

**EVO-STIK IMPACT CONTACT ADHESIVE****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**

|                  |                    |                  |                        |
|------------------|--------------------|------------------|------------------------|
| APPEARANCE       | Liquid             |                  |                        |
| COLOUR           | Yellowish          |                  |                        |
| ODOUR            | of solvents        |                  |                        |
| SOLUBILITY       | Insoluble in water |                  |                        |
| RELATIVE DENSITY | 0.84               | FLASH POINT (°C) | minus 5 C to minus 20C |

**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 METHODS**

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

## EVO-STIK IMPACT CONTACT ADHESIVE

## 14 TRANSPORT INFORMATION



|                      |                         |                         |                             |
|----------------------|-------------------------|-------------------------|-----------------------------|
| UK ROAD CLASS        | 3                       |                         |                             |
| PROPER SHIPPING NAME | ADHESIVES (CYCLOHEXANE) |                         |                             |
| UN NO. ROAD          | 1133                    | UK ROAD PACK GR.        | III                         |
| 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                           |
| HAZCHEM CODE         | 3YE                     | 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                    |
| 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.                                                                           |
| R36/38 | Irritating to eyes and 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.                                                                     |
| 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.                                  |
| P14       | Contains ROSIN. May produce an allergic reaction.                                                                    |

EVO-STIK IMPACT CONTACT ADHESIVE

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. NOTE: Lines within the margin indicate significant changes from the previous revision.

ISSUED BY

Approved LJ

REVISION DATE July 2009

REV. NO./REPL. SDS GENERATED 6

DATE August 2006

RISK PHRASES IN FULL

|        |                                                                                                  |
|--------|--------------------------------------------------------------------------------------------------|
| R11    | Highly flammable.                                                                                |
| R36    | Irritating to eyes.                                                                              |
| R38    | Irritating to skin.                                                                              |
| 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.                                                      |