

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

EVO-STIK ADHESIVE CLEANER Supercedes Date: 20-Feb-2018 Revision Date 20-Feb-2018 Revision Number 1

# Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name Pure substance/mixture EVO-STIK ADHESIVE CLEANER Mixture

## 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended useCleaning agent.Uses advised againstNone known

1.3. Details of the supplier of the safety data sheet

<u>Company Name</u> Bostik Limited Common Rd ST16 3EH Stafford UK Tel: +44 (1785) 27 26 25 Fax: +44 (1785) 25 72 36

E-mail address

SDS.box-EU@bostik.com

1.4. Emergency telephone number

United Kingdom	+44 (1785) 272650
Ireland	+353 (1) 8624900 (Monday- Friday 9am-5pm)

## Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aspiration toxicity	Category 1 - (H304)
Skin Corrosion/Irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 2 - (H225)

#### 2.2. Label Elements

## Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains Cyclohexane, Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C6, isoalkanes, <5% n-hexane, Naphtha, petroleum, hydrotreated light, <0.1% Benzene



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#### Signal Word DANGER

#### Hazard statements

- H319 Causes serious eye irritation
- H315 Causes skin irritation
- H304 May be fatal if swallowed and enters airways
- H336 May cause drowsiness or dizziness
- H411 Toxic to aquatic life with long lasting effects
- H225 Highly flammable liquid and vapour

## Precautionary Statements - EU (§28, 1272/2008)

- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge
- P261 Avoid breathing vapours/spray
- P264 Wash face, hands and any exposed skin thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P273 Avoid release to the environment
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower] P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P331 Do NOT induce vomiting
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish
- P403 + P233 Store in a well-ventilated place. Keep container tightly closed
- P405 Store locked up
- P501 Dispose of contents/ container to an approved waste disposal plant

#### Additional information

This product requires child resistant fastenings when supplied to the general public unless the product is placed on the market in the form of aerosols or in a container with a sealed spray attachment

#### 2.3. Other Hazards

#### **General Hazards**

No information available.

#### PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Mixture

#### 3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Ethyl acetate	205-500-4	141-78-6	>25 - <40	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225) (EUH066)		01-2119475103-46 -XXXX

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Cyclohexane	203-806-2	110-82-7	15 - 25	Skin Irrit. 2 (H315) STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 2 (H225)	01-2119463273-41 -XXXX
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	927-510-4	-	10 - <20	STOT SE 3 (H336) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411)	01-2119475515-33 -xxxx
Acetone	200-662-2	67-64-1	10 - <20	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225) (EUH066)	01-2119471330-49 -XXXX
Hydrocarbons, C6, isoalkanes, <5% n-hexane	931-254-9		10 - <20	STOT SE 3 (H336) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411) Flam Liq. 2 (H225) (EUH066)	01-2119484651-34 -XXXX
Naphtha, petroleum, hydrotreated light, <0.1% Benzene	265-151-9	64742-49-0	5 - <10	STOT SE 3 (H336) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225)	01-2119475133-43 -XXXX
Hexane	203-777-6	110-54-3	1- <2.5	Skin Irrit. 2 (H315) Repr. 2 (H361f) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225)	01-2119480412-44 -XXXX

Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classifed, however, the substance is listed in section 3 as it has an OEL.

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 4: FIRST AID MEASURES

## 4.1. Description of first aid measures

General Advice	Immediate medical attention is required. In case of accident or being unwell, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a doctor.
Inhalation	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a doctor.
Skin Contact	Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a doctor.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a doctor immediately.

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Ingestion	Do NOT induce vomiting. Call a doctor. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.	
Self-Protection of the First Aider	Remove all sources of ignition. Use personal protective equipment as required.	
4.2. Most important symptoms and effects, both acute and delayed		
Symptoms	None known.	
4.3. Indication of any immediate m	nedical attention and special treatment needed	
Note to doctors	Treat symptomatically.	

## Section 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO2, water spray or alcohol-resistant foam.

#### **Unsuitable Extinguishing Media**

No information available

## 5.2. Special hazards arising from the substance or mixture

Extremely flammable.

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### **Personal Precautions**

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

#### For emergency responders

Use personal protection recommended in Section 8.

#### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

#### 6.3. Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labelled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material.

## 6.4. Reference to other sections

Reference to other sections	Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
	Section 13: DISPOSAL CONSIDERATIONS

## Section 7: HANDLING AND STORAGE

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#### 7.1. Precautions for safe handling

#### Advice on safe handling

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use personal protective equipment as required. Do not breathe vapour or mist.

#### **General Hygiene Considerations**

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

#### 7.2. Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labelled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

#### 7.3. Specific end use(s)

#### Other Information

Recommendation(s). Observe technical data sheet.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

Derived No Effect Level (DNEL)	No information available
Predicted No Effect Concentration (PNEC)	No information available.
8.2. Exposure controls	
Engineering Controls	Ensure adequate ventilation, especially in confined areas. Ventilation systems. Use explosion-proof ventilating equipment.
Personal Protective Equipment	
Eye/Face Protection Skin and Body Protection	Tight sealing safety goggles. Face protection shield. Antistatic footwear. Wear fire/flame resistant/retardant clothing. Suitable protective clothing.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental Exposure Controls Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Physical State
Appearance
Colour
Odour
Odour Threshold

Property pH Melting point / freezing point Boiling point / boiling range Flash Point Evaporation Rate Flammability (solid, gas) Liquid Liquid Colourless Solvent No information available

Values\_ No information available No information available >= 48 °C / 118.4 °F >= -20 °C / -4 °F No information available No information available Remarks • Method

Not applicable for liquids

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Flammability Limit in Air Upper flammability limit: No information available Lower flammability limit No information available Vapour Pressure No information available No information available Vapour Density **Relative Density** No information available Water Solubility No information available **Solubility in Other Solvents Partition Coefficient Autoignition Temperature Decomposition Temperature Explosive Properties Explosive Limits** Upper Lower **Oxidising Properties Kinematic Viscosity Dynamic Viscosity** >= 0.4 mPas 9.2. Other information **Softening Point** 

**Molecular Weight** Solvent content (%) Solid content (%) Density **Bulk Density** VOC content (%)

No information available No information available

No information available No information available No information available No information available 0.85 No data available

## Section 10: STABILITY AND REACTIVITY

## 10.1. Reactivity

None under normal use conditions.

## 10.2. Chemical stability

Stable under normal conditions.

Explosion Data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

## 10.3. Possibility of hazardous reactions

#### **Possibility of Hazardous Reactions** None under normal processing.

#### 10.4. Conditions to avoid

Heat, flames and sparks.

#### 10.5. Incompatible materials

No information available.

## 10.6. Hazardous decomposition products

None under normal use conditions.

## Section 11: TOXICOLOGY INFORMATION

## 11.1. Information on toxicological effects

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#### Information on likely routes of exposure

**Product Information** 

No information or data specific to the product on this toxicological (health) effect is available.

Inhalation	No data available.
Eye contact	Severely irritating to eyes.
Skin Contact	Irritating to skin.
Ingestion	Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and
Sensitisation	pneumonitis. No data available.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion/Irritation	Not applicable.
Serious eye damage/eye irritation	Not applicable.
Sensitisation	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Carcinogenicity	Not applicable.
Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Target Organ Effects	Central nervous system, Eyes, Peripheral Nervous System (PNS), Respiratory system, Skin.
Aspiration hazard	Risk of serious damage to the lungs (by aspiration). May be fatal if swallowed and enters airways.
Numerical measures of toxicity	
Acute Toxicity	
-	d based on chapter 3.1 of the GHS document 18,815.00 mg/kg 25,066.00 mg/kg
The following values are calculate ATEmix (oral)	18,815.00 mg/kg

## Section 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

## Ecotoxicity

Toxic to aquatic life with long lasting effects

#### <u>Component Information</u> Data obtained on the component(s) include

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Chemical Name	Algae/aquatic plants	Fish	Crustacea	M-Factor
Ethyl acetate 141-78-6	EC50 48 h = 3300 mg/L (Desmodesmus subspicatus)	LC50 96 h 220 - 250 mg/L (Pimephales promelas flow-through) LC50 96 h 352 - 500 mg/L (Oncorhynchus mykiss semi-static) LC50 96 h = 484 mg/L (Oncorhynchus mykiss flow-through)	EC50 48 h = 560 mg/L (Daphnia magna Static)	
Cyclohexane 110-82-7	EC50 72 h > 9.3 mg/L (Pseudokirchnerella subcapitata)	LC50 96 h 24.99 - 44.69 mg/L (Lepomis macrochirus static) LC50 96 h 3.96 - 5.18 mg/L (Pimephales promelas flow-through) LC50 96 h 23.03 - 42.07 mg/L (Pimephales promelas static) LC50 96 h 48.87 - 68.76 mg/L (Poecilia reticulata static)	EC50 24 h > 400 mg/L (Daphnia magna )	
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 	-	-	EL50 (48h) =3mg/L Daphnia	
Acetone 67-64-1	-	LC50 96 h 4.74 - 6.33 mL/L (Oncorhynchus mykiss)	EC50 48 h 10294 - 17704 mg/L (Daphnia magna Static)	
Hydrocarbons, C6, isoalkanes, <5% n-hexane 	13.6 mg/l (Pseudokirchneriella subcapitata)	18.3 mg/l (Oncorhynchus mykiss)	31.9 mg/l (Daphnia magna)	
Naphtha, petroleum, hydrotreated light, <0.1% Benzene 64742-49-0	-	-	LC50 96 h = 2.6 mg/L (Chaetogammarus marinus )	
Hexane 110-54-3	-	LC50 96 h 2.1 - 2.98 mg/L (Pimephales promelas flow-through)	EC50 24 h > 1000 mg/L (Daphnia magna )	

## 12.2. Persistence and degradability

No information available.

## 12.3. Bioaccumulative potential

No information available.

Partition coefficient

No information available

## 12.4. Mobility in soil

Mobility in soil

No information available.

## 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## 12.6. Other adverse effects

No information available

#### **Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors.

## Section 13: DISPOSAL CONSIDERATIONS

## 13.1. Waste treatment methods

United Kingdom, Ireland - BE

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Waste from Residues/Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Improper disposal or reuse of this container may be dangerous and illegal.
Other Information	Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORTATION INFORMATION

ADR 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Transport hazard class(es) Labels 14.4 Packing Group Description 14.5 Environmental Hazard 14.6 Special Provisions Classification Code Tunnel restriction code Limited Quantity (LQ) ADR Hazard Id (Kemmler Number)	UN1263 Paint, Environmentally Hazardous 3 II UN1263, Paint, 3, II, (D/E), Environmentally Hazardous Yes 163, 640D, 650, 367 F1 (D/E) 5 L 33
IMDG 14.1 UN Number 14.2 Proper Shipping Name 14.3 Transport hazard class(es) 14.4 Packing Group Description 14.5 Marine Pollutant 14.6 Special Provisions Limited Quantity (LQ) EmS-No 14.7 Transport in bulk according	UN1263 Paint (Cyclohexane), Marine Pollutant 3 II UN1263, Paint (Cyclohexane), 3, II, (-20°C c.c.), Marine Pollutant P 163, 367 5 L F-E, S-E to Annex II of MARPOL 73/78 and the IBC Code No information available
RID14.1 UN Number14.2 Proper Shipping Name14.3 Transport hazard class(es)Labels14.4 Packing GroupDescription14.5 Environmental HazardClassification Code14.6 Special ProvisionsLimited Quantity (LQ)	UN1263 Paint, Environmentally Hazardous 3 3 II UN1263, Paint, 3, II, Environmentally Hazardous Yes F1 163, 640D, 650, 367 5 L
ICAO (air) 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Hazard Class 14.4 Packing Group Description 14.5 Environmental Hazard 14.6 Special Provisions	UN1263 Paint related material 3 II UN1263, Paint related material, 3, II Yes A3, A72, A192
<u>IATA</u> 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Transport hazard class(es)	UN1263 Paint related material 3

14.4 Packing Group	II
Description	UN1263, Paint related material, 3, II
14.5 Environmental Hazard	Yes
14.6 Special Provisions	A3, A72, A192
Limited Quantity (LQ)	1 L
ERG Code	3L

## Section 15: REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture\_

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

## EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

#### EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical Name	CAS No	Restrictions on use
Cyclohexane	110-82-7	57.

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

#### Dangerous substance category per Seveso Directive (2012/18/EU)

P5a - FLAMMABLE LIQUIDS or P5b - FLAMMABLE LIQUIDS or P5c - FLAMMABLE LIQUIDS E2 - Hazardous to the Aquatic Environment in Category Chronic 2

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

#### Persistent Organic Pollutants Not applicable

#### 15.2. Chemical safety assessment

None

## Section 16: OTHER INFORMATION

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STEL (Short Term Exposure Limit)

Skin designation

Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H315 - Causes skin irritation H361f - Suspected of damaging fertility H336 - May cause drowsiness or dizziness H373 - May cause damage to organs through prolonged or repeated exposure H304 - May be fatal if swallowed and enters airways H411 - Toxic to aquatic life with long lasting effects H225 - Highly flammable liquid and vapour H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects H319 - Causes serious eve irritation EUH066 - Repeated exposure may cause skin dryness or cracking I egend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls and personal protection TWA TWA (time-weighted average) STEL Ceiling Maximum limit value PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals STOT (RE): Specific target organ toxicity - Repeated exposure STOT (SE): Specific target organ toxicity - Single exposure EWC: European Waste Catalogue

#### Key literature references and sources for data

Classification and labeling data calculated from data received from raw material suppliers

Prepared By	Product Safety & Regulatory Affairs	
Revision Date	20-Feb-2018	
Indication of changes		
Revision Note	Not applicable.	
Training Advice	No information available	
Further information	No information available	

## This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### **End of Safety Data Sheet**