

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

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017

Version 1

Revision Date 11-Jan-2017

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

1.1. Product Identifier

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE Product Name

Pure substance/mixture Mixture

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

Adhesives. Recommended use None known Uses advised against

1.3. Details of the supplier of the safety data sheet

Company Name

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]

Specific target organ toxicity (single exposure)	Category 3 - (H336)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable Liquids	Category 2 - (H225)

26 % of the mixture consists of ingredient(s) of unknown toxicity Unknown acute toxicity

Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment

2.2. Label Elements

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

Contains Hydrocarbons, C6, isoalkanes, <5% n-hexane



EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017 Version 1

Signal Word

DANGER

Hazard statements

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

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P273 - Avoid release to the environment

P280 - Wear protective gloves and eye/face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P402 + P404 - Store in a dry place. Store in a closed container

P501 - Dispose of contents/ container to an approved waste disposal plant

Special provisions concerning the labelling of certain mixtures

This product requires tactile warnings if supplied to the general public

2.3. Other Hazards

General Hazards

In use may form flammable/explosive vapour-air mixture.

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
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
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. 1 (H224) (EUH066)		01-2119484651-34 -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)

Revision Date 11-Jan-2017

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017 Version 1

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice If medical advice is needed, have product container or label at hand.

Inhalation Remove to fresh air.

Skin Contact Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/

attention.

Eye contact In case of contact with eyes, rinse immediately with plenty of water and seek medical

advice. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor

Revision Date 11-Jan-2017

immediately.

Ingestion If swallowed, do not induce vomiting: seek medical advice immediately and show this

container or label.

entry to unnecessary and unprotected personnel.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms None known.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use CO2, dry chemical, or foam.

Unsuitable Extinguishing Media

Use water spray or fog; do not use straight streams

5.2. Special hazards arising from the substance or mixture

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

5.3. Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

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.

Water spray may reduce vapour; but may not prevent ignition in closed spaces.

For emergency responders

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2. Environmental precautions

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017

Version 1

Revision Date 11-Jan-2017

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

6.3. Methods and material for containment and cleaning up

Methods for Containment Dyke far ahead of spill; use dry sand to contain the flow of material. Contain and collect

> spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations

(see Section 13).

Methods for cleaning up Use clean non-sparking tools to collect absorbed material. Dyke far ahead of liquid spill

for later disposal.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION Reference to other sections

Section 7: HANDLING AND STORAGE

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ventilating/lighting /equipment.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep only in the original container/package in a cool well-ventilated place. Keep from freezing.

7.3. Specific end use(s)

Other Information

Recommendation(s). Observe technical data sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	Ireland	United Kingdom
Kaolin	-	TWA: 2 mg/m ³	STEL: 6 mg/m ³
1332-58-7			TWA: 2 mg/m ³
Isopropyl alcohol	-	TWA: 200 ppm	STEL: 500 ppm
67-63-0		STEL: 400 ppm	STEL: 1250 mg/m ³
		Skin	TWA: 400 ppm
			TWA: 999 mg/m ³

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration No information available.

(PNEC)

8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Tight sealing safety goggles. Face protection shield. **Eye/Face Protection**

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017 Version 1

Revision Date 11-Jan-2017

Not applicable for liquids

@ 40°C

Antistatic footwear. Wear fire/flame resistant/retardant clothing. Gloves made of plastic **Skin and Body Protection**

or rubber. Suitable protective clothing. Apron.

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 Liquid **Appearance** Liquid

No information available Colour

Odour Solvent

Odour Threshold No information available

Property Remarks • Method Values

No information available pН Melting point/freezing point No information available **Boiling Point** 48 °C / 118.4 °F -5 °C / 23 °F **Flash Point**

Evaporation Rate No information available Flammability (solid, gas) No information available

Flammability Limit in Air

Upper Flammability Limit No information available Lower Flammability Limit No information available **Vapour Pressure** No information available Vapour Density No information available **Specific Gravity** No information available No information available **Water Solubility** No information available Solubility in Other Solvents **Partition Coefficient** No information available No information available **Autoignition Temperature Decomposition Temperature** No information available

Explosive Properties No information available **Explosive Limits** No information available No information available Upper Lower No information available **Oxidising Properties** No information available

Kinematic Viscosity 500 mm2/s

Dynamic Viscosity No information available

9.2. Other information

Softening Point No information available **Molecular Weight** No information available Solvent content (%) No information available Solid content (%) No information available

Density 1.18

Bulk Density No Data Available

VOC content (%)

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

Explosion Data

Sensitivity to Mechanical Impact None.

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017 Version 1

May be ignited by friction, heat, sparks or flames. Sensitivity to Static Discharge

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Keep away from heat, sparks and flames.

10.5. Incompatible materials

Strong acids and bases.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

Product Information

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

No Data Available. Inhalation No Data Available. Eye contact Skin Contact No Data Available. No Data Available. Ingestion No Data Available. Sensitisation

Skin Corrosion/Irritation Not applicable.

Serious eye damage/eye irritation Not applicable.

Sensitisation Not applicable.

Germ Cell Mutagenicity Not applicable.

Not applicable. Carcinogenicity

Reproductive Toxicity No information available.

No information available. **STOT - Single Exposure**

STOT - Repeated Exposure No information available.

Target Organ Effects Eyes, Respiratory system, Skin.

No information available. **Aspiration Hazard**

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document mg/kg

ATEmix (dermal) 23,400.00 mg/kg

Unknown acute toxicity 26 % of the mixture consists of ingredient(s) of unknown toxicity.

Revision Date 11-Jan-2017

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017 Version 1

26 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

26 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

26 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

26 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).

26 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

Toxicity Data Data obtained on the component(s) include

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	LD50 >5840 mg/kg Rat	LD50 >2920 mg/kg (Rat)	-
Hydrocarbons, C6, isoalkanes, <5% n-hexane	>16750 mg/Kg (rat)	>3350 mg/Kg (rabbit OECD 402)	259354 mg/m³ (vapour) (rat OECD 403)

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity Harmful to aquatic life with long lasting effects Toxic to aquatic life with long lasting

effects

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea	M-Factor
Hydrocarbons, C7,	-	-	EL50 (48h) =3mg/L Daphnia	
n-alkanes, isoalkanes,				
cyclics				
Hydrocarbons, C6,	13.6 mg/l (Pseudokirchneriella	18.3 mg/l (Oncorhynchus	31.9 mg/l (Daphnia magna)	
isoalkanes, <5% n-hexane	subcapitata)	mykiss)		

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.

Revision Date 11-Jan-2017

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017 Version 1

Revision Date 11-Jan-2017

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

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.

European Waste Catalogue 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous

substances

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 UN1133

14.2 Proper Shipping Name Adhesives, Environmentally Hazardous

14.3 Hazard Class **Hazard Labels** 3 14.4 Packing Group Ш

UN1133, Adhesives, 3, III, Environmentally Hazardous Description

14.5 Environmental Hazard yes 14.6 Special Provisions 640E **Classification Code** F1 **Tunnel restriction code** (D/E) Limited Quantity (LQ) 5 L **ADR Hazard Id (Kemmler** 30

Number)

IMDG

14.1 UN/ID no UN1133

14.2 Proper Shipping Name Adhesives (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics), Marine Pollutant

14.3 Hazard Class 14.4 Packing Group

Description UN1133, Adhesives (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics), 3, III, (-5°C

c.c.), Marine Pollutant

Р 14.5 Marine Pollutant 223, 955 14.6 Special Provisions Limited Quantity (LQ) 5 L F-E, S-D

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

RID

14.1 UN/ID no UN1133

14.2 Proper Shipping Name Adhesives, Environmentally Hazardous

14.3 Hazard Class 14.4 Packing Group

Description UN1133, Adhesives, 3, III, Environmentally Hazardous

14.5 Environmental Hazard yes **Classification Code** F1 14.6 Special Provisions None Limited Quantity (LQ)

ICAO (air)

14.1 UN/ID no UN1133 14.2 Proper Shipping Name Adhesives

14.3 Hazard Class

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017 Version 1

14.4 Packing Group

UN1133, Adhesives, 3, III Description

14.5 Environmental Hazard ves 14.6 Special Provisions А3

IATA

14.1 UN/ID no UN1133 14.2 Proper Shipping Name Adhesives

14.3 Hazard Class 14.4 Packing Group

Description UN1133, Adhesives, 3, III

14.5 Environmental Hazard ves 14.6 Special Provisions А3 Limited Quantity (LQ) 10 L 3L **ERG Code**

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 does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

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

P5b - FLAMMABLE LIQUIDS

P5c - FLAMMABLE LIQUIDS E2 - Hazardous to the Aquatic **Environment in Category Chronic 2**

Revision Date 11-Jan-2017

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 11-Jan-2017 Version 1

Revision Date 11-Jan-2017

15.2. Chemical safety assessment

None

Section 16: OTHER INFORMATION

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

Full text of H-Statements referred to under section 3

H336 - May cause drowsiness or dizziness

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H411 - Toxic to aquatic life with long lasting effects

H224 - Extremely flammable liquid and vapour

EUH066 - Repeated exposure may cause skin dryness or cracking

Legend

SVHC: Substances of Very High Concern for Authorisation:

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA (time-weighted average) STEL (Short Term Exposure Limit) TWA STEL Ceilina Skin designation

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

Product Safety & Regulatory Affairs **Prepared By**

Revision Date 11-Jan-2017

Indication of changes

Revision Note Not applicable.

Training Advice Provide adequate information, instruction, and training for operator

Additional information No information available

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

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 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