

EVO-STIK TENSOL 70 PART A
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

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

1.1. Product Identifier

Product Name EVO-STIK TENSOL 70 PART A
Pure substance/mixture Mixture

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

Recommended use Adhesives, sealants.
Uses advised against None known

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]

Skin Corrosion/Irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitisation	Category 1 - (H317)
Specific target organ toxicity (single exposure)	Category 3 - (H335)
Chronic aquatic toxicity	Category 3 - (H412)
Flammable Liquids	Category 2 - (H225)

Unknown acute toxicity 39 % of the mixture consists of ingredient(s) of unknown toxicity
Unknown aquatic toxicity 39% of the mixture consists of components(s) of unknown hazards to the aquatic environment

2.2. Label Elements

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

Contains Methyl methacrylate

Safety Data Sheet

EVO-STIK TENSOL 70 PART A
Supercedes Date: No information available

Revision Date 02-Jun-2016
Version 1



Signal Word
DANGER

Hazard statements

H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H412 - Harmful to aquatic life with long lasting effects
H225 - Highly flammable liquid and vapour
EUH208 - Contains 2-Benzotriazolyl-4-methylphenol. May produce an allergic reaction

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

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P370 + P378 - In case of fire: Use dry sodium carbonate to extinguish
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P280 - Wear protective gloves/protective clothing/eye protection/face protection

Special provisions concerning the labelling of certain mixtures

Placed on the market in aerosol containers or in containers fitted with a sealed spray attachment

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

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Methyl methacrylate	201-297-1	80-62-6	40 - <80	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) STOT SE 3 (H335) Flam. Liq. 2 (H225)	01-2119452498-28-xxxx
2-Benzotriazolyl-4-methylphenol	219-470-5	2440-22-4	0.1 - <1	Skin Sens. 1B (H317) Aquatic Chronic 1 (H410)	01-2119583811-34-XXXX

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

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Safety Data Sheet

EVO-STIK TENSOL 70 PART A
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

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 immediately.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Self-protection of the first aider	Use personal protection recommended in Section 8. Isolate the hazard area and deny 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

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

Safety Data Sheet

EVO-STIK TENSOL 70 PART A

Supersedes Date: No information available

Revision Date 02-Jun-2016

Version 1

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

Reference to other sections

See Section 12: ECOLOGICAL INFORMATION

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.

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
Methyl methacrylate 80-62-6	TWA: 50ppm STEL: 100ppm	TWA: 50 ppm STEL: 100 ppm	STEL: 100 ppm STEL: 416 mg/m ³ TWA: 50 ppm TWA: 208 mg/m ³

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.

Personal Protective Equipment

Eye/Face Protection

Tight sealing safety goggles. Face protection shield.

Skin and Body Protection

Antistatic footwear. Wear fire/flame resistant/retardant clothing. Gloves made of plastic 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

Safety Data Sheet

EVO-STIK TENSOL 70 PART A

Supersedes Date: No information available

Revision Date 02-Jun-2016

Version 1

Physical State	Liquid
Appearance	Liquid
Colour	Purple
Odour	Characteristic
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point/freezing point	No information available	
Boiling Point	= 101 °C / 213.8 °F	
Flash Point	= 10 °C / 50 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
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	
Water Solubility	No information available	
Solubility in Other Solvents		
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Explosive Properties	No information available	
Explosive Limits	No information available	
Upper	No information available	
Lower	No information available	
Oxidising Properties	No information available	
Kinematic Viscosity	No information available	
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	No Data Available
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.

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

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.

Safety Data Sheet

EVO-STIK TENSOL 70 PART A
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

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.

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

Component Information

Toxicity Data No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl methacrylate	= 7872 mg/kg (Rat) = 7900 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 4632 ppm (Rat) 4 h
2-Benzotriazolyl-4-methylphenol	LD50 >10000 mg/kg (Rat)(OECD 423)	LC50 >2000 mg/kg (Rat) (OECD 402)	-

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 Eyes, Respiratory system, Skin.

Aspiration Hazard No information available.

Unknown acute toxicity 39 % of the mixture consists of ingredient(s) of unknown toxicity

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity Very toxic to aquatic life Harmful to aquatic life with long lasting effects

Safety Data Sheet

EVO-STIK TENSOL 70 PART A
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Methyl methacrylate	EC50 96 h = 170 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h 326.4 - 426.9 mg/L (Poecilia reticulata static) LC50 96 h 170 - 206 mg/L (Lepomis macrochirus flow-through) LC50 96 h > 79 mg/L (Oncorhynchus mykiss static) LC50 96 h > 79 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h 243 - 275 mg/L (Pimephales promelas flow-through) LC50 96 h 125.5 - 190.7 mg/L (Pimephales promelas static) LC50 96 h 153.9 - 341.8 mg/L (Lepomis macrochirus static)	EC50 48 h = 69 mg/L (Daphnia magna)
2-Benzotriazolyl-4-methylphenol	-	LC50 (96h) >0.17 mg/L (Oncorhynchus mykiss) Semi-static (OECD 203)	EC50 (24h) >1000 mg/L (Daphnia magna) Static (OECD 202)

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

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

Safety Data Sheet

EVO-STIK TENSOL 70 PART A

Supersedes Date: No information available

Revision Date 02-Jun-2016

Version 1

ADR

14.1 UN/ID no	UN1133
14.2 Proper Shipping Name	Adhesives, Environmentally Hazardous
14.3 Hazard Class	3
Hazard Labels	3
14.4 Packing Group	II
Description	UN1133, Adhesives, Environmentally Hazardous, 3, II, (D/E)
14.5 Environmental Hazard	yes
14.6 Special Provisions	640C
Classification Code	F1
Tunnel restriction code	(D/E)
Limited Quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	33

IMDG

14.1 UN/ID no	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Hazard Class	3
14.4 Packing Group	II
Description	UN1133, Adhesives, 3, II, (10°C c.c.)
14.5 Marine Pollutant	Not applicable
14.6 Special Provisions	None
Limited Quantity (LQ)	5 L
EmS-No	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	3
14.4 Packing Group	II
Description	UN1133, Adhesives, Environmentally Hazardous, 3, II
14.5 Environmental Hazard	yes
Classification Code	F1
14.6 Special Provisions	None
Limited Quantity (LQ)	5 L

ICAO (air)

14.1 UN/ID no	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Hazard Class	3
14.4 Packing Group	II
Description	UN1133, Adhesives, 3, II
14.5 Environmental Hazard	yes
14.6 Special Provisions	A3

IATA

14.1 UN/ID no	UN1133
14.2 Proper Shipping Name	Adhesives
14.3 Hazard Class	3
14.4 Packing Group	II
Description	UN1133, Adhesives, 3, II
14.5 Environmental Hazard	yes
14.6 Special Provisions	A3
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

Safety Data Sheet

EVO-STIK TENSOL 70 PART A
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

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 $\geq 0.1\%$ (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)

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

H317 - May cause an allergic skin reaction

H410 - Very toxic to aquatic life with long lasting effects

H315 - Causes skin irritation

H335 - May cause respiratory irritation

H225 - Highly flammable liquid and vapour

Legend

SVHC: Substances of Very High Concern for Authorisation: Substance(s) of Very High Concern

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 02-Jun-2016

Indication of changes

Revision Note Not applicable.

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

Safety Data Sheet

EVO-STIK TENSOL 70 PART A

Supersedes Date: No information available

Revision Date 02-Jun-2016

Version 1

Additional 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 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

EVO-STIK TENSOL 70 PART B
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

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

1.1. Product Identifier

Product Name EVO-STIK TENSOL 70 PART B

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

Recommended use Adhesives, sealants.
Uses advised against None known

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]

Skin sensitisation	Category 1 - (H317)
Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 3 - (H412)

Unknown acute toxicity 10 % of the mixture consists of ingredient(s) of unknown toxicity
Unknown aquatic toxicity 10% of the mixture consists of components(s) of unknown hazards to the aquatic environment

2.2. Label Elements

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

Contains Dibenzoyl peroxide



Safety Data Sheet

EVO-STIK TENSOL 70 PART B
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

Signal Word
WARNING

Hazard statements

H317 - May cause an allergic skin reaction
H400 - Very toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects

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

P280 - Wear eye protection/ face protection
P321 - Specific treatment (see .? on this label)

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

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Propanol, oxybis-, dibenzoate	248-258-5	27138-31-4	80 - 100	Aquatic Chronic 3 (H412)	01-2119529241-49-XXXX
Dibenzoyl peroxide	202-327-6	94-36-0	5 - <10	Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Org. Perox. B (H241) Aquatic Acute 1 (H400)	01-2119511472-50-XXXX

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

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

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 immediately.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Self-protection of the first aider	Use personal protection recommended in Section 8. Isolate the hazard area and deny

Safety Data Sheet

EVO-STIK TENSOL 70 PART B
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

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.

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

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

With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimise spreading.

6.4. Reference to other sections

Reference to other sections

See Section 12: ECOLOGICAL INFORMATION
Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 7: HANDLING AND STORAGE

Safety Data Sheet

EVO-STIK TENSOL 70 PART B
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

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.

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
Dibenzoyl peroxide 94-36-0	-	TWA: 5 mg/m ³ STEL: 15 mg/m ³	STEL: 15 mg/m ³ TWA: 5 mg/m ³

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.

Personal Protective Equipment

Eye/Face Protection

Tight sealing safety goggles.

Skin and Body Protection

Suitable protective clothing. Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate. Antistatic footwear. Gloves made of plastic or rubber.

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
Colour	Clear, colourless to yellow
Odour	Characteristic
Odour Threshold	No information available

Property

Values

Remarks • Method

pH	No information available	
Melting point/freezing point	No information available	
Boiling Point	No information available	
Flash Point	> 61 °C / > 141.8 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	

Safety Data Sheet

EVO-STIK TENSOL 70 PART B

Supersedes Date: No information available

Revision Date 02-Jun-2016

Version 1

Vapour Pressure	No information available
Vapour Density	No information available
Specific Gravity	No information available - 1.12
Water Solubility	No information available
Solubility in Other Solvents	
Partition Coefficient	No information available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Explosive Properties	No information available
Explosive Limits	No information available
Upper	No information available
Lower	No information available
Oxidising Properties	No information available
Kinematic Viscosity	No information available - 500
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	No Data Available
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.

Sensitivity to Static Discharge None.

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.

Safety Data Sheet

EVO-STIK TENSOL 70 PART B

Supersedes Date: No information available

Revision Date 02-Jun-2016

Version 1

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

Component Information

Toxicity Data No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dibenzoyl peroxide	= 7710 mg/kg (Rat) = 6400 mg/kg (Rat)	-	-

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 Eyes, Respiratory system, Skin.

Aspiration Hazard No information available.

Unknown acute toxicity 10 % of the mixture consists of ingredient(s) of unknown toxicity

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity Very toxic to aquatic life Harmful to aquatic life with long lasting effects

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Propanol, oxybis-, dibenzoate	-	3.7 mg/l (fathead minnow)	-
Dibenzoyl peroxide	-	LC50 (96h) =0.0602 Fish (Oncorhynchus mykiss) Semi static	-

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

Safety Data Sheet

EVO-STIK TENSOL 70 PART B
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

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

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	UN3082
14.2 Proper Shipping Name	Environmentally hazardous substances, liquid, n.o.s
14.3 Hazard Class	9
Hazard Labels	9
14.4 Packing Group	III
Description	UN3082, Environmentally hazardous substances, liquid, n.o.s, 9, III, (E)
14.5 Environmental Hazard	yes
14.6 Special Provisions	274, 335, 601, 375
Classification Code	M6
Tunnel restriction code	(E)
Limited Quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	90

IMDG

14.1 UN/ID no	UN3082
14.2 Proper Shipping Name	Environmentally hazardous substances, liquid, n.o.s
14.3 Hazard Class	9
14.4 Packing Group	III
Description	UN3082, Environmentally hazardous substances, liquid, n.o.s, 9, III
14.5 Marine Pollutant	Not applicable
14.6 Special Provisions	274, 335, 969
Limited Quantity (LQ)	5 L
EmS-No	F-A, S-F
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID

Safety Data Sheet

EVO-STIK TENSOL 70 PART B

Supersedes Date: No information available

Revision Date 02-Jun-2016

Version 1

14.1 UN/ID no	UN3082
14.2 Proper Shipping Name	Environmentally hazardous substances, liquid, n.o.s
14.3 Hazard Class	9
14.4 Packing Group	III
Description	UN3082, Environmentally hazardous substances, liquid, n.o.s, 9, III
14.5 Environmental Hazard	yes
Classification Code	M6
14.6 Special Provisions	None
Limited Quantity (LQ)	5 L

ICAO (air)

14.1 UN/ID no	UN3082
14.2 Proper Shipping Name	Environmentally hazardous substances, liquid, n.o.s
14.3 Hazard Class	9
14.4 Packing Group	III
Description	UN3082, Environmentally hazardous substances, liquid, n.o.s, 9, III
14.5 Environmental Hazard	yes
14.6 Special Provisions	A97, A158, A197

IATA

14.1 UN/ID no	UN3082
14.2 Proper Shipping Name	Environmentally hazardous substances, liquid, n.o.s
14.3 Hazard Class	9
14.4 Packing Group	III
Description	UN3082, Environmentally hazardous substances, liquid, n.o.s, 9, III
14.5 Environmental Hazard	yes
14.6 Special Provisions	A97, A158, A197
Limited Quantity (LQ)	30 kg G
ERG Code	9L

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 $\geq 0.1\%$ (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)

Safety Data Sheet

EVO-STIK TENSOL 70 PART B
Supersedes Date: No information available

Revision Date 02-Jun-2016
Version 1

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

H412 - Harmful to aquatic life with long lasting effects

H319 - Causes serious eye irritation

H317 - May cause an allergic skin reaction

H241 - Heating may cause a fire or explosion

H400 - Very toxic to aquatic life

Legend

SVHC: Substances of Very High Concern for Authorisation: Substance(s) of Very High Concern

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 02-Jun-2016

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

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 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