

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

EVO-STIK 5390 ADHESIVE

Supercedes Date: No information available

Revision Date 16-Jun-2016 Version 1

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

1.1. Product Identifier

Product Name Pure substance/mixture EVO-STIK 5390 ADHESIVE Mixture

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

Recommended useAdhesives.Uses advised againstConsumer use

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]

Skin Corrosion/Irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Reproductive toxicity	Category 2 - (H361)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)
Chronic aquatic toxicity	Category 3 - (H412)
Flammable Liquids	Category 2 - (H225)

Unknown acute toxicity Unknown aquatic toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity 0% 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 Toluene, Ethyl acetate

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Signal Word DANGER

Hazard statements

- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H336 May cause drowsiness or dizziness
- H373 May cause damage to organs through prolonged or repeated exposure
- H412 Harmful to aquatic life with long lasting effects
- H361d Suspected of damaging the unborn child

H225 - Highly flammable liquid and vapour

EUH208 - Contains rosin. May produce an allergic reaction

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

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

P271 - Use only outdoors or in a well-ventilated area

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

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P501 - Dispose of contents/containers in accordance with local regulations

Special provisions concerning the labelling of certain mixtures

This product requires tactile warnings if supplied to the general public

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
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
Toluene	203-625-9	108-88-3	>25 - <40	Skin Irrit. 2 (H315) Repr. 2 (H361d) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304) Flam. Liq. 2 (H225)	01-2119471310-51-XXXX

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	007 540 4		40 00		04 0440475545 00
Hydrocarbons, C7,	927-510-4		10 - <20	STOT SE 3 (H336)	01-2119475515-33-xxxx
n-alkanes, isoalkanes,				Asp. Tox. 1 (H304)	
cyclics				Skin Irrit. 2 (H315)	
				Aquatic Chronic 2 (H411)	
				Flam. Liq. 2 (H225)	
Hydrocarbons, C6,	931-254-9		5 - <10	STOT SE 3 (H336)	01-2119484651-34-XXXX
isoalkanes, <5% n-hexane				Asp. Tox. 1 (H304)	
				Aquatic Chronic 2 (H411)	
				Flam Liq. 2 (H225)	
				(EUH066)	
				Skin Irrit. 2 (H315)	
Rosin	232-475-7	8050-09-7	0.1 - <1	Skin Sens. 1 (H317)	01-2119480418-32-XXXX
Zinc oxide	215-222-5	1314-13-2	0.1 - <1	Aquatic Acute 1 (H400)	01-2119463881-32-XXXX
				Aquatic Chronic 1 (H410)	
Xylenes (o-, m-, p- isomers)	215-535-7	1330-20-7	0.1 - <1	STOT SE 3 (H335)	01-2119488216-32-XXXX
, , , , , , , , , , , , , , , , , , ,				STOT RE 2 (H373)	
				Asp. Tox. 1 (H304)	
				Skin Irrit. 2 (H315)	
				Eye Irrit. 2 (H319)	
				Acute Tox. 4 (H312)	
				Acute Tox. 4 (H312)	
				Flam Liq. 3 (H226)	
		1		Fiaili Liy. 3 (EZZO)	

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.

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 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. EIRE-EIGHTING	MEASURES			

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

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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 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

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8.1. Control parameters

Chemical Name	European Union	Ireland	United Kingdom
Ethyl acetate	-	TWA: 200 ppm	STEL: 400 ppm
141-78-6		STEL: 400 ppm	TWA: 200 ppm
Toluene	TWA: 50 ppm	TWA: 50 ppm	STEL: 100 ppm
108-88-3	TWA: 192 mg/m ³	TWA: 192 mg/m ³	STEL: 384 mg/m ³
	STEL: 100ppm	STEL: 384 mg/m ³	TWA: 50 ppm
	STEL: 384mg/m ³	STEL: 100 ppm	TWA: 191 mg/m ³
	S*	Skin	Skin
Rosin	-	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³
8050-09-7		STEL: 0.15 mg/m ³	
		Sen**	
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
Magnesium oxide	-	TWA: 4 mg/m ³	STEL: 30 mg/m ³
1309-48-4		TWA: 5 mg/m ³	STEL: 12 mg/m ³
		TWA: 10 mg/m ³	TWA: 10 mg/m ³
		STEL: 10 mg/m ³	TWA: 4 mg/m ³
		STEL: 12 mg/m ³	
Zie e evide		STEL: 30 mg/m ³	
Zinc oxide	-	TWA: 2 mg/m ³	-
1314-13-2	T\A/A: 50 ppm	STEL: 10 mg/m ³	STEL: 100 ppm
Xylenes (o-, m-, p- isomers) 1330-20-7	TWA: 50 ppm	TWA: 50 ppm	STEL: 100 ppm
1330-20-7	TWA: 221 mg/m ³ STEL: 100 ppm	TWA: 221 mg/m ³ STEL: 100 ppm	STEL: 441 mg/m ³ TWA: 50 ppm
	STEL: 442 mg/m ³	STEL: 100 ppm STEL: 442 mg/m ³	TWA: 50 ppm TWA: 220 mg/m ³
	STEL: 442 IIIg/III* S*	STEL: 442 Ing/III®	Skin
I I	3	SNII	- SKIII

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

Eye/Face ProtectionTight sealing safety goggles. Face protection shield.Skin and Body ProtectionAntistatic 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

Physical State Appearance Colour Odour Odour Threshold	Liquid Liquid White Off-white Solvent No information available	
Property pH Melting point/freezing point Boiling Point Flash Point Evaporation Rate Flammability (solid, gas)	Values No information available No information available 48 °C / 118.4 °F -5 °C / 23 °F No information available No information available	Remarks •
Flammability Limit in Air Upper Flammability Limit	No information available	

Not applicable for liquids

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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	50
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	0.9
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.

10.5. Incompatible materials

Strong acids and bases.

10.6. Hazardous decomposition products

Carbon oxides.

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.

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Inhalation	No Data Available.
Eve 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
Ethyl acetate	= 5620 mg/kg (Rat)	> 20 mL/kg (Rabbit)> 18000 mg/kg (Rabbit)	LC0 29.3 mg/l air
Toluene	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 30 mg/L (Rat) 4 h
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/m ³ (vapour) (rat OECD 403)
Rosin	>2800 mg/Kg (rat)	> 2500 mg/kg (Rabbit)	= 1.5 mg/L (Rat) 4 h
Zinc oxide	> 5000 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	Product is or contains a chemical which is a known or suspected reproductive hazard.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Target Organ Effects	Central nervous system, Eyes, Kidney, Liver, Respiratory system, Skin.
Aspiration Hazard	No information available.
Unknown acute toxicity	0 % of the mixture consists of ingredient(s) of unknown toxicity

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Harmful to aquatic life with long lasting effects

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ethyl acetate	EC50 48 h = 3300 mg/L	LC50 96 h 220 - 250 mg/L	EC50 48 h = 560 mg/L (Daphnia
	(Desmodesmus subspicatus)	(Pimephales promelas	magna Static)
		flow-through) LC50 96 h = 484	
		mg/L (Oncorhynchus mykiss	
		flow-through) LC50 96 h 352 - 500	
		mg/L (Oncorhynchus mykiss	
		semi-static)	
Toluene	EC50 72 h = 12.5 mg/L	LC50 96 h 5.89 - 7.81 mg/L	EC50 48 h 5.46 - 9.83 mg/L

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	(Pseudokirchneriella subcapitata) EC50 96 h > 433 mg/L (Pseudokirchneriella subcapitata)	(Oncorhynchus mykiss flow-through) LC50 96 h = 5.8 mg/L (Oncorhynchus mykiss semi-static) LC50 96 h = 12.6 mg/L (Pimephales promelas static) LC50 96 h 11.0 - 15.0 mg/L (Lepomis	
		macrochirus static) LC50 96 h = 54 mg/L (Oryzias latipes static) LC50 96 h 15.22 - 19.05 mg/L (Pimephales promelas flow-through) LC50 96 h 50.87 - 70.34 mg/L (Poecilia reticulata static) LC50 96 h 14.1 - 17.16 mg/L (Oncorhynchus mykiss static) LC50 96 h = 28.2 mg/L (Poecilia	
Hydrocarbons, C7, n-alkanes,	-	reticulata semi-static)	EL50 (48h) =3mg/L Daphnia
isoalkanes, cyclics			
Hydrocarbons, C6, isoalkanes, <5% n-hexane	13.6 mg/l (Pseudokirchneriella subcapitata)	18.3 mg/l (Oncorhynchus mykiss)	31.9 mg/l (Daphnia magna)
Rosin	EC50 72 h = 400 mg/L	LC50 (96h) >10mg/L Fish (Danio	EC50 48 h >100 mg/L (Daphnia
7'	(Desmodesmus subspicatus)	rerio)	magna)
Zinc oxide	-	LC50 (96h) =0.7 mg/L Fish (Danio rerio)	-
Xylenes (o-, m-, p- isomers)	-	LC50 96 h 23.53 - 29.97 mg/L (Pimephales promelas static) LC50 96 h 13.5 - 17.3 mg/L (Oncorhynchus mykiss) LC50 96 h = 19 mg/L (Lepomis macrochirus) LC50 96 h > 780 mg/L (Cyprinus carpio) LC50 96 h 30.26 - 40.75 mg/L (Poecilia reticulata static) LC50 96 h = 13.4 mg/L (Pimephales promelas flow-through) LC50 96 h = 780 mg/L (Cyprinus carpio semi-static) LC50 96 h 2.661 - 4.093 mg/L (Oncorhynchus mykiss static) LC50 96 h 13.1 - 16.5 mg/L (Lepomis macrochirus flow-through) LC50 96 h 7.711 - 9.591 mg/L (Lepomis macrochirus 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

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

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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

ADR 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Hazard Class Hazard 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)	UN1133 Adhesives, Environmentally Hazardous 3 III UN1133, Adhesives, 3, III, Environmentally Hazardous yes 640E F1 D/E 5 L 30
IMDG 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Hazard Class 14.4 Packing Group Description 14.5 Marine Pollutant 14.6 Special Provisions Limited Quantity (LQ) EmS-No 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and	UN1133 Adhesives (Ethyl acetate, Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics), Marine Pollutant 3 III UN1133, Adhesives (Ethyl acetate, Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics), 3, III, (-5°C c.c.), Marine Pollutant Not applicable 223, 955 5 L F-E, S-D No information available
the IBC Code <u>RID</u> 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Hazard Class 14.4 Packing Group Description 14.5 Environmental Hazard Classification Code 14.6 Special Provisions Limited Quantity (LQ) <u>ICAO (air)</u>	UN1133 Adhesives, Environmentally Hazardous 3 III UN1133, Adhesives, 3, III, Environmentally Hazardous yes F1 None 5 L
14.1 UN/ID no	UN1133

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14.2 Proper Shipping Name	Adhesives
14.3 Hazard Class	3
14.4 Packing Group	III
Description	UN1133, Adhesives, 3, III
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	III
Description	UN1133, Adhesives, 3, III
14.5 Environmental Hazard	yes
14.6 Special Provisions	A3
Limited Quantity (LQ)	10 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
Toluene	108-88-3	48.

48. Reserved for industrial and professional use. Adhesives or spray paint shall not be placed on the market containing above substance equal to or greater than 0.1% where supplied to the general public.

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

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H315 - Causes skin irritation

- H361d Suspected of damaging the unborn child
- H336 May cause drowsiness or dizziness
- H373 May cause damage to organs through prolonged or repeated exposure if inhaled
- H304 May be fatal if swallowed and enters airways
- 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 eye irritation
- H317 May cause an allergic skin reaction
- H411 Toxic to aquatic life with long lasting effects
- EUH066 Repeated exposure may cause skin dryness or cracking

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	16-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