

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Supercedes Date: 16-Dec-2020

Revision date 09-Feb-2021 Revision Number 2.03

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product Name EVO-STIK GRIPFILL XTRA SOLVENT ADHESIVE

Pure substance/mixture Mixture

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

Recommended use Adhesive.
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: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 2 - (H225)

2.2. Label Elements

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



Signal word Danger

Hazard statements

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

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H411 - Toxic to aquatic life with long lasting effects.

H225 - Highly flammable liquid and vapour.

Precautionary statements

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.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

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

P280 - Wear protective gloves and eye/face protection.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P391 - Collect spillage.

P403 + P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

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

Additional information

This product requires tactile warnings if supplied to the general public.

2.3. Other Hazards

In use may form flammable/explosive vapour-air mixture

PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No.	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008	Specific concentration limit (SCL)	REACH Registration Number
				[CLP]		
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	927-510-4	64742-49-0	10 - <20	STOT SE 3 (H336) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225)		01-2119475515- 33-xxxx
Hydrocarbons, C6, isoalkanes, <5% n-hexane	931-254-9	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) (EUH066)		01-2119484651- 34-XXXX

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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

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 Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get

medical attention immediately if symptoms occur.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Keep eye wide open while rinsing. Do not rub affected area.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. Get medical attention if irritation develops and persists.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water.

Never give anything by mouth to an unconscious person. Call a doctor.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the

material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more

information. Avoid contact with skin, eyes or clothing.

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

Symptoms Inhalation of high vapour concentrations may cause symptoms like headache, dizziness,

tiredness, nausea and vomiting.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media Full water jet. Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Hazardous combustion products Carbon dioxide (CO2). Silicon dioxide.

5.3. Advice for firefighters

Special protective equipment for

fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled

material.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or

spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A

vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later

disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Eliminate all ignition sources if safe to do so.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. In case of

insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should

not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the

product. Wear suitable gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from

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heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep from freezing.

7.3. Specific end use(s)

Specific Use(s)

Adhesive.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

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

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL	Derived No Effect Level (DNEL)			
Hydrocarbons, C7, n-alkanes,	isoalkanes, cyclics (6474	12-49-0)		
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
worker Long term Systemic health effects	Inhalation	2085 mg/m³		
worker Long term Systemic health effects	Dermal	300 mg/kg bw/d		

Derived No Effect Level (DNEL)	Derived No Effect Level (DNEL)			
Hydrocarbons, C7, n-alkanes, iso	alkanes, cyclics (64742-49-0)			
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
Consumer	Inhalation	447 mg/m³		
Long term				
Systemic health effects				
Consumer	Dermal	149 mg/kg bw/d		
Long term				
Systemic health effects				
Consumer	Oral	149 mg/kg bw/d		
Long term				
Systemic health effects				

Predicted No Effect Concentration No information available.

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(PNEC)

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be

exhausted directly at the point of origin.

Personal Protective Equipment

Eye/face protection Tight sealing safety goggles. Face protection shield.

Hand protection Wear protective gloves. Gloves must conform to standard EN 374. The breakthrough

time of the gloves depends on the material and the thickness as well as the temperature. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves should be

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replaced regularly and if there is any sign of damage to the glove material.

Skin and body protection Antistatic footwear. Wear fire/flame resistant/retardant clothing. Suitable protective

clothing.

Respiratory protection In case of inadequate ventilation wear respiratory protection. In case of mist, spray or

aerosol exposure wear suitable personal respiratory protection and protective suit.

Recommended filter type: Organic gases and vapours filter conforming to EN 14387.

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 No information available

Odour Solvent

Odour threshold No information available

Property Values Remarks • Method

pH No data available
Melting point / freezing point No data available

Boiling point / boiling range 48 $^{\circ}$ C **Flash point** -5 $^{\circ}$ C

Evaporation rate No data available

Flammability (solid, gas) Not applicable for liquids .

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Vapour pressure No data available Relative vapour density No data available Relative density No data available Water solubility No data available Solubility(ies) No data available Partition coefficient No data available No data available **Autoignition temperature Decomposition temperature** No data available

Kinematic viscosity 500 mm²/s @ 40°C

Dynamic viscosity

Explosive properties

Oxidising properties

No data available

No data available

No data available

9.2. Other information

Solid content (%) No information available

VOC Content (%) approx 280 g/L

Density 1.18

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical None. impact

Sensitivity to static discharge Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. Do not freeze.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition

products

None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information .

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract. May cause drowsiness or dizziness.

Eye contact Based on available data, the classification criteria are not met.

Skin contact Specific test data for the substance or mixture is not available. Causes skin irritation.

(based on components).

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. May cause redness and tearing of the eyes. Inhalation of high vapour

concentrations may cause symptoms like headache, dizziness, tiredness, nausea and

vomiting.

Numerical measures of toxicity

Acute toxicity

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

ATEmix (dermal) 4,839.30 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C7, n-alkanes,	LD50 >5840 mg/kg Rat	LD50 >2920 mg/kg (Rattus)	LC50 >23.3 mg/L (4h)(Rat,
isoalkanes, cyclics			vapour)
64742-49-0			(OECD 403)
Hydrocarbons, C6, isoalkanes,	>16750 mg/Kg (Rattus)	>3350 mg/Kg (Oryctolagus	259354 mg/m ³ (vapour) (rat
<5% n-hexane		cuniculus) OECD 402	OECD 403)
64742-49-0			

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

Skin corrosion/irritation Classification based on data available for ingredients. Causes skin irritation.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicityBased on available data, the classification criteria are not met.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

Chemical name	European Union
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	Muta. 1B
Hydrocarbons, C6, isoalkanes, <5% n-hexane 64742-49-0	Muta. 1B

Carcinogenicity

Based on available data, the classification criteria are not met.

Chemical name	European Union
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	Carc. 1B
64742-49-0	
Hydrocarbons, C6, isoalkanes, <5% n-hexane	Carc. 1B
64742-49-0	

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

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12.1. Toxicity

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

Chemical name	Algae/aquatic	Fish	Toxicity to	Crustacea	M-Factor	M-Factor
	plants		microorganisms			(long-term)
Hydrocarbons, C7,	ErL50 (72h) =	LL50 (96h)	-	EL50 (48h) =		
n-alkanes, isoalkanes,	10-30 mg/L	>13.4 mg/L		3.0 mg/L		
cyclics	(Pseudokirchner	(Oncorhynchus		(Daphnia		
64742-49-0	iella	mykiss)		magna)		
	subcapitata)	OECD 203				
Hydrocarbons, C6,	EL50 (72h) =	LL50 (96h) =	-	EL50 (48h)=		
isoalkanes, <5%	13.6 mg/l	18.27 mg/l		31.9 mg/l		
n-hexane	(Pseudokirchner	(Oncorhynchus		(Daphnia		
64742-49-0	iella	mykiss)		magna)		
	subcapitata)					

12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information				
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (64742-49-0)				
Method	Exposure time	Value	Results	
OECD Test No. 301F: Ready	28 days	98%	Readily biodegradable	
Biodegradability: Manometric				
Respirometry Test (TG 301 F)				

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Hydrocarbons, C6, isoalkanes, <5%	3.6	501
n-hexane		
64742-49-0		

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB. .

Chemical name	PBT and vPvB assessment
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0	The substance is not PBT / vPvB
Hydrocarbons, C6, isoalkanes, <5% n-hexane 64742-49-0	The substance is not PBT / vPvB

12.6. Other adverse effects

Other adverse effects No information available.

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

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Waste from residues/unused

products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

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Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or

weld containers.

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

substances

15 01 10*: Packaging containing residues of or contaminated by dangerous substances

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

SECTION 14: Transport information

Note: The shipping descriptions shown here are for bulk shipments only, and may not apply to

shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

Keep from freezing.

Land transport (ADR/RID)

14.1 UN number or ID number UN1133 **14.2 Proper Shipping Name** Adhesives

14.3 Transport hazard class(es) 3
Labels 3
14.4 Packing group

Description UN1133, Adhesives, 3, II, (D/E), Environmentally Hazardous

14.5 Environmental hazards
14.6 Special Provisions
Classification code
Tunnel restriction code
Limited Quantity (LQ)
ADR Hazard Id (Kemmler

Yes
640C
F1
(D/E)
5 L
33

Number)

<u>IMDG</u>

14.1 UN number or ID number UN1133

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

14.3 Transport hazard class(es) 314.4 Packing group | |

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

c.c.), Marine Pollutant

 14.5 Marine pollutant
 P.

 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 and the IBC Code Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number 14.2 Proper Shipping NameUN1133
Adhesives

14.3 Transport hazard class(es)14.4 Packing group

Description UN1133, Adhesives, 3, II

14.5 Environmental hazards
14.6 Special Provisions
Limited Quantity (LQ)
ERG Code

Yes
A3
1 L
2 L
3 L

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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)

SVHC: Substances of Very High Concern for Authorisation:

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	Restricted substance per REACH Annex XVII
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	64742-49-0	28. 29.
Hydrocarbons, C6, isoalkanes, <5% n-hexane	64742-49-0	28. 29.

Substance subject to authorisation per REACH Annex XIV

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

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

Not applicable

Persistent Organic Pollutants

Not applicable

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

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

Full text of H-Statements referred to under section 3

EUH066 - Repeated exposure may cause skin dryness or cracking

H225 - Highly flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H336 - May cause drowsiness or dizziness

H411 - Toxic to aquatic life with long lasting effects

Legend

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

Ceiling Limit Value Ceiling Skin designation

SVHC Substance(s) of Very High Concern

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals PBT Very Persistent and very Bioaccumulative (vPvB) Chemicals vPvB

STOT RE Specific target organ toxicity - Repeated exposure Specific target organ toxicity - Single exposure STOT SE

EWC European Waste Catalogue

Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

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Indication of changes

Revision note Not applicable.

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

Further information No information available

This material 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

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