

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

1.1. Product identifier

Product name: EJOT MULTIFIX VSF+ SEISMIC 420ML PN: 9571000420

Product code: 78746

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

Use of substance / mixture: A Chemical anchoring application

1.3. Details of the supplier of the safety data sheet

Company name: EJOT UK Ltd

Hurricane Close

Sherburn-in-Elmet

Leeds

LS25 6PB

Tel: +44(0)1977 687040

Fax: +44(0)1977 687041

Email: info@ejot.co.uk

1.4. Emergency telephone number

Emergency tel: Medical emergency information for poisoning:

Poison Information Centre Mainz - 24h - Tel.: +49 (0) 6131 19240

(advice in German or English)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT SE 3: H335; Eye Irrit. 2: H319; Skin Sens. 1: H317

Most important adverse effects: May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation.

2.2. Label elements

Label elements:

Hazard statements: H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

Hazard pictograms: GHS07: Exclamation mark



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Signal words: Warning

Precautionary statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Haz. ingredients (label): ETHYLENE DIMETHACRYLATE; METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL; DIBENZOYL PEROXIDE

2.3. Other hazards

Other hazards: Not applicable.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ETHYLENE DIMETHACRYLATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-617-2	97-90-5	-	STOT SE 3: H335; Skin Sens. 1: H317	10-20%

METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL - REACH registered number(s): 01-2119490226-37

EINECS	CAS	PBT / WEL	CLP Classification	Percent
248-666-3	27813-02-1	-	Eye Irrit. 2: H319; Skin Sens. 1: H317	3-10%

DIBENZOYL PEROXIDE - REACH registered number(s): 01-2119511472-50-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-327-6	94-36-0	-	Skin Sens. 1: H317; Org. Perox. B: H241; Eye Irrit. 2: H319	1-3%

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
254-075-1	38668-48-3	-	Acute Tox. 2: H300; Aquatic Chronic 3: H412; Eye Dam. 1: H318	<1%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): Building and construction work (SU19).

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIBENZOYL PEROXIDE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m ³	-	-	-

DNEL/PNEC Values

Hazardous ingredients:

ETHYLENE DIMETHACRYLATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	2.45 mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	1.3 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	1.45 mg/m ³	General Population	Systemic
DNEL	Dermal (repeated dose)	830 µg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	830 µg/kg bw/day	General Population	Systemic

METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	14.7 mg/m ³	Workers	Systemic
DNEL	Dermal	4.2 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	8.8 mg/m ³	General Population	Systemic
DNEL	Dermal	2.5 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	2.5 mg/kg bw/day	General Population	Systemic

DIBENZOYL PEROXIDE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	39 mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	13.3 mg/kg bw/day	Workers	Systemic

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DNEL	Dermal	34 µg/cm ²	Workers	Local
DNEL	Oral (repeated dose)	2 mg/kg bw/day	General Population	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Breathing protection is required in inadequately ventilated places. Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Protective gloves. Nitrile gloves. Viton gloves. EN 374 Recommended thickness of material >0.4 mm. Breakthrough time of the glove material > 8 hours. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Various

Odour: Characteristic odour

Oxidising: Not applicable.

Solubility in water: Insoluble

Relative density: 1.7

VOC g/l: 114

9.2. Other information

Other information: Solid suspension - classified as non-flammable according to results from Test N.1 test method for readily combustible solids.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

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10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ETHYLENE DIMETHACRYLATE

IPR	RAT	LD50	2800	mg/kg
ORL	MUS	LD50	2	gm/kg
ORL	RAT	LD50	3300	mg/kg

DIBENZOYL PEROXIDE

ORL	RAT	LD50	2000	mg/kg
VAPOURS	RAT	LD50	24.3	mg/kg

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL

ORAL	RAT	LD50	25	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

[cont...]

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Ecotoxicity values: Catalyst Comp B

Species	Test	Value	Units
ALGAE	72H IC50	150	mg/l
Daphnia magna	48H EC50	>500	mg/l
FISH	96H LC50	>500	mg/l

Hazardous ingredients:

DIBENZOYL PEROXIDE

ALGAE	72H ErC50	0.0711	mg/l
Daphnia magna	48H EC50	0.110	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	0.0602	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 04 09

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

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15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Active Oxygen Content of Catalyst Component 0.99%

* indicates text in the SDS which has changed since the last revision.

MAL Code: 1-5

Phrases used in s.2 and s.3: H241: Heating may cause a fire or explosion.

H300: Fatal if swallowed.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.