

SAFETY DATA SHEET

POLYCRAFT VARIABLE TARGET FOAM PART A

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Compilation date: 15/06/2015

Revision date: 01/08/2022

Revision No: 5

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

1.1. Product identifier

Product name: POLYCRAFT VARIABLE TARGET FOAM PART A

Product code: VTF1 Part A

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

Use of substance / mixture: PC1: Adhesives, sealants. PC9a: Coatings and paints, thinners, paint removers. PC9b: Fillers, putties, plasters, modelling clay. PC32: Polymer preparations and compounds. PROC1: Use in closed process, no likelihood of exposure PROC2: Use in closed, continuous process with occasional controlled exposure PROC3: Use in closed batch process (synthesis or formulation) PROC4: Use in batch and other process (synthesis) where opportunity for exposure arises PROC5: Mixing or blending in batch processes for formulation of preparations* and articles (multistage and/or significant contact) PROC8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities PROC8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing) PROC10: Roller application or brushing PROC13: Treatment of articles by dipping and pouring PROC19: Hand-mixing with intimate contact and only PPE available ERC2: Formulation of preparations* ERC3: Formulation in materials ERC5: Industrial use resulting in inclusion into or onto a matrix ERC6d: Industrial use of process regulators for polymerisation processes in production of resins, rubbers, polymers

1.3. Details of the supplier of the safety data sheet

Company name: MB Fibreglass

Unit 17 & 20 Abbey Business Park
Mill Road
Newtownabbey
BT36 7EE

Tel: 02890 861992

Email: sales@mbfg.co.uk

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1.4. Emergency telephone number

Emergency tel: 02890 861992
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Aquatic Chronic 2: H411; Skin Sens. 1: H317

Most important adverse effects: Harmful if swallowed. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H302: Harmful if swallowed.
H317: May cause an allergic skin reaction.
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark
GHS09: Environmental



Signal words: Warning

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
P302+P352: IF ON SKIN: Wash with plenty of water.
P321: Specific treatment (see instructions on this label)
P330: Rinse mouth.
P362+P364: Take off contaminated clothing and wash it before reuse.

Haz. ingredients (label): 6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE, 2-METHYL-4,6-BIS
(METHYLTHIO)PHENYLENE-1,3-DIAMINE; ETHANAMINE, 2,2'-OXYBIS[N,N-DIMETHYL]

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

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6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE, 2-METHYL-4,6-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE - REACH registered number(s): 01-0000015292-76

EINECS	CAS	PBT / WEL	CLP Classification	Percent
403-240-8	106264-79-3	-	Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-25%

ETHANAMINE, 2,2'-OXYBIS[N,N-DIMETHYL] - REACH registered number(s): 01-2119972935-21

221-220-5	3033-62-3	-	Acute Tox. 4: H332; Skin Corr. 1B: H314; Eye Dam. 1: H318; Acute Tox. 3: H311; Aquatic Chronic 3: H412; Acute Tox. 4: H302	0.05-1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

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

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

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

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

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

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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.

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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. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. 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 the formation or spread of mists in the air. Avoid direct contact with the substance.

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): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE, 2-METHYL-4,6-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE

Type	Exposure	Value	Population	Effect
DNEL	Dermal (Long Term)	0.39 mg/kg bw/d	Workers	Systemic
DNEL	Inhalation (Long Term)	3.4 mg/m3	Workers	Systemic
DNEL	Oral (Long Term)	0.24 mg/kg bw/d	Consumers	Systemic
DNEL	Dermal (Long Term)	0.24 mg/kg bw/d	Consumers	Systemic

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DNEL	Inhalation (Long Term)	0.94 mg/m3	Consumers	Systemic
PNEC	Fresh water	0.0087 mg/l	-	-
PNEC	Marine water	0.87 mg/l	-	-
PNEC	Fresh water sediments	0.2 mg/kg ww	-	-
PNEC	Marine sediments	0.02 mg/kg ww	-	-
PNEC	Soil (agricultural)	0.21 mg/kg ww	-	-
PNEC	Microorganisms in sewage treatment	3.2 mg/l	-	-

ETHANAMINE, 2,2'-OXYBIS[N,N-DIMETHYL]

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	0.16 mg/m3	Workers	Systemic
DNEL	Inhalation	0.08 mg/m3	Workers	Local
DNEL	Inhalation	0.041 mg/m3	Consumers	Systemic
DNEL	Inhalation	0.013 mg/m3	Consumers	Local
PNEC	Fresh water	0.023 mg/l	-	-
PNEC	Marine water	0.0023 mg/l	-	-
PNEC	Microorganisms in sewage treatment	7.2 mg/l	-	-
PNEC	Fresh water sediments	0.019 mg/kg	-	-
PNEC	Marine sediments	0.0019 mg/kg	-	-
PNEC	Soil (agricultural)	0.007 mg/kg	-	-

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellow-orange

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: 1250 mPa.s (25°C)

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

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Flash point°C: No data available. Autoflammability°C: No data available. Relative density: 1.00 - 1.05 VOC g/l: No data available.	upper: No data available. Part.coeff. n-octanol/water: No data available. Vapour pressure: No data available. pH: No data available.
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9.2. Other information

Other information: No data available.

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.

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:

6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE, 2-METHYL-4,6-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	1515	mg/kg

ETHANAMINE, 2,2'-OXYBIS[N,N-DIMETHYL]

DERMAL	RBT	LD50	314	mg/kg
DUST/MIST	RAT	4H LC50	3.3 - 4.4	mg/l

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ORAL	RAT	LD50	677	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE, 2-METHYL-4,6-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE

Daphnia magna	48H EC50	0.9	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H EC50	7.6	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	7.3	mg/l

ETHANAMINE, 2,2'-OXYBIS[N,N-DIMETHYL]

ALGAE	72H EC50	24	mg/l
Daphnia magna	48H EC50	102	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	131.2	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: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

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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.

Disposal of packaging: Arrange for collection by specialised disposal company.

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

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Contains; 6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE)

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: Not applicable.

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

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Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic 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.