

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product identifier

Product Name: External Crackfiller (Resin) Part A

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

Relevant identified uses of the substance or mixture: Waterproofing.

Identified uses advised against: No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston
Beds
MK42 7EF
Telephone Number: 01234 846400
Emergency Contact Number: 111 (NHS England)
Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

Signal word(s): Warning

Hazard pictograms:



Hazard statements:

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Hazard description:

Flammable

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization - Mixtures:

Description:

Mixture of substances listed below with non-hazardous additions.

For further information, please refer to the product technical data sheet.

Dangerous components:		
CAS: 14808-60-7 EINECS: 238-878-4 Reg.nr.: 01-2120770509-45-XXXX	Quartz (SiO ₂) substance with a Community workplace exposure limit	30 - <50%
CAS: 80-62-6 EINECS: 201-297-1 Index number: 607-035-00-6 Reg.nr.: 01-2119452498-28-XXXX	Methyl methacrylate Flam. Liq. 2, H225 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	5-<10%
CAS: 97-88-1 EINECS: 202-615-1 Index number: 607-033-00-5 Reg.nr.: 01-2119486394-28-XXXX	n-butyl methacrylate Flam. Liq. 3, H226 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	3-<5%
CAS: 103-11-7 EINECS: 203-080-7 Index number: 607-107-00-7 Reg.nr.: 01-2119453158-37-XXXX	2-ethylhexyl acrylate Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	1-<3%

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS (continued)**Dangerous components:**

CAS: 38668-48-3
 EINECS: 254-075-1
 Reg.nr.: 01-2119980937-17-XXXX

1,1'-(p-tolylimino)dipropen-2-ol
 Acute Tox. 2, H300
 Eye Irrit. 2, H319
 Aquatic Chronic 3, H412

0.1-<0.3%

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures:****General information:**

Get medical advice/attention if you feel unwell.

Inhalation:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Skin contact:

Wash with plenty of soap and water.

Eye contact:

Rinse cautiously with water for several minutes.

Ingestion

Rinse mouth.

Do NOT induce vomiting.

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

May cause sensitisation by skin contact

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

No further relevant information available.

SECTION 5: FIRE FIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media:**

CO2, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

Water jet.

5.2 Special hazards arising from the substance or mixture:

No further relevant information available

5.3 Advice for firefighters:**Protective equipment:**

Wear self-contained respiratory protective device.

Additional information:

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling:**

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Do not eat, drink or smoke when using this product.

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

Keep only in original packaging.

Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ground and bond container and receiving equipment.

SECTION 7: HANDLING AND STORAGE (continued)**7.2 Conditions for safe storage, including any Incompatibilities:****STORAGE****Further information about storage conditions:**

Keep container tightly sealed.

Protect from frost.

Store in a dry place.

Keep cool.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:	
14808-60-7 Quartz (SiO₂)	
WEL	Long-term value: 0.1 mg/m ³ Silica, respirable crystalline
80-62-6 Methyl methacrylate	
WEL	Short-term value: 416 mg/m ³ , 100 ppm Long-term value: 208 mg/m ³ , 50 ppm
PNECs	
80-62-6 Methyl methacrylate	
PNEC freshwater	0.94 mg/l
PNEC marine water	0.094 mg/l
PNEC soil	1.47 mg/kg
97-88-1 n-butyl methacrylate	
PNEC freshwater	0.17 mg/l

Additional information:

Based on the lists valid at the date of SDS creation.

8.2 Exposure controls:**Personal Protective Equipment****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory Protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

EN 143.

Protection of hands:**Protective gloves.**

EN 374.

Material of gloves: Rubber gloves.**Penetration time of glove material:**

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses with side shield protection.

EN 166.

**Body protection:**

Use personal protective equipment as required.

Take off contaminated clothing.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties:****General Information****Appearance:**

Form:	Viscous liquid.
Colour:	Grey / Black
Odour:	Characteristic.
Odour threshold:	Not determined.
pH-value (~):	Not determined.

Change in conditions:-

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	~100 °C
Flash point:	~25-27 °C

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES (continued)

Flammability (solid, gas):	Not applicable.
Ignition temperature:	~430 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.
Explosive limits	
Lower:	2 Vol %
Upper:	13 Vol %
Vapour pressure:	Not determined.
Density:	Not determined.
Relative density:	~1.68
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in/Miscibility with:-	
Water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity	
Dynamic:	Not determined.
Kinematic:	Not determined.
Molecular weight:	Not applicable.
9.2 Other information	No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	Will exothermically polymerise in the presence of initiators.
10.2 Chemical stability:	Stable in the presence of inhibitor.
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions:	Susceptible to polymerisation initiated by prolonged storage or the presence of catalyst.
10.4 Conditions to avoid:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
10.5 Incompatible materials:	Polymerisation catalysts, such as peroxy or azo compounds, strong acids, alkalis and oxidising agents. Oxides and salts of transition metals. Organic Nitrogen containing compounds. Cyclohexanone/Cyclohexenol tautomer.
10.6 Hazardous decomposition products:	Carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects:**

Acute Toxicity based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
97-88-1 n-butyl methacrylate		
Dermal	LD50	22,600 mg/kg (rat)
	LD50	11,300 mg/kg (rabbit)
Inhalative	LC50, 4h	4,910 mg/l (rat)
38668-48-3 1,1'-(p-tolylimino)dipropen-2-ol		
Oral	LD50	25 mg/kg (rat)

Additional information:

Based on the lists valid at the date of SDS creation.

Primary irritant effect

Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	May cause an allergic skin reaction.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
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**12.1 Toxicity**

Acute Toxicity No further relevant information available.

12.2 Persistence and degradability:	No further relevant information available.
12.3 Bioaccumulative potential:	No further relevant information available.
12.4 Mobility in soil:	No further relevant information available.

SECTION 12: ECOLOGICAL INFORMATION (continued)**Additional Ecological Information**

General notes: Not known to be hazardous to water.

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Uncleaned Packaging**

Recommendation: Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number: UN1866
14.2 UN proper shipping name: RESIN SOLUTION
14.3 Transport Hazard Class(es):



Class: 3 Flammable liquids.
Label(s): 3

14.4 Packing group: III

14.5 Environmental hazards: Not applicable.

14.6 Special precautions for user: Warning: Flammable liquids.

Hazard identification number

(Kemler code): 30

EMS Number: F-E,S-E

14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code: Not Regulated

Transport/Additional information:**ADR**

Limited quantities (LQ): 5L

Excepted quantities (EQ): Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Transport category: 3

Tunnel restriction code: D/E

IMDG

Limited quantities (LQ): 5L

Excepted quantities (EQ): Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
 See Section 2 for hazard identification.

Directive 2012/18/EU

Named dangerous substances - ANNEX I: None of the ingredients is listed.

Seveso category: PSc FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements: 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements: 50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII: Conditions of restriction: 3, 52b

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H300 Fatal if swallowed.
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.

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: External Crackfiller (Hardener Powder) Part B

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

Identified Use(s): Waterproofing

Uses Advised Against: No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston

Beds

MK42 7EF

Telephone Number: 01234 846400

Emergency Contact Number: 111 (NHS England)

Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Org. Perox. D H242 Heating may cause a fire.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Repr. 1A H360D May damage the unborn child.

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



Signal word:

Danger

Hazard-determining components of labelling:

Dicyclohexyl phthalate

Dibenzoyl peroxide

Hazard statements:

H242 Heating may cause a fire.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H360D May damage the unborn child.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

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

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P410 Protect from sunlight.

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

2.4 Additional Information:

Determination of endocrine-disrupting properties

84-61-7 Dicyclohexyl phthalate

List II

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixtures:

Description: Mixture of substances listed below with non-hazardous additions. For further information, please refer to the product technical data sheet.

Dangerous components:

CAS: 94-36-0	Dibenzoyl peroxide	Org. Perox. B, H241	30-<50%
EINECS: 202-327-6		Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
Index number: 617-008-00-0		Eye Irrit. 2, H319; Skin Sens. 1, H317	
Reg.nr.: 01-2119511472-50-XXXX			

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS (continue)

Dangerous components:

CAS: 84-61-7 EINECS: 201-545-9 Index number: 607-719-00-4 Reg.nr.: 01-2119978223-34-XXXX	Dicyclohexyl phthalate	Repr. 1A, H360D Skin Sens. 1, H317	30-<50%
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SVHC

84-61-7	Dicyclohexyl phthalate
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3.2 Mixture:
Non-applicable

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures:

General information:	Get medical advice/attention if you feel unwell.
By inhalation:	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
By skin contact:	Wash with plenty of soap and water.
By eye contact:	Rinse cautiously with water for several minutes.
By ingestion/aspiration:	Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

May cause sensitisation by skin contact. Irritating to eyes.

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

No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: CO2, powder or water spray. Fight larger fires with water spray.

5.2 Special hazards arising from the substance or mixture:

Decomposes explosively.
Products of thermal decomposition: carbon dioxide, oxygen, a mixture of benzoic acid, biphenyl, phenyl benzoate, a small amount of benzene.

5.3 Advice for firefighters:

Protective equipment:	Wear self-contained respiratory protective device.
Additional information:	Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.
Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections:

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Do not eat, drink or smoke when using this product.
Store in a well-ventilated place. Keep container tightly closed.
Keep only in original packaging.
Use only outdoors or in a well-ventilated area.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities:

Only use of a suitable tool material (polyethylene, polypropylene, stainless steel).

Storage:

Information about storage in one common storage facility:
Keep respiratory protective device available.
Further information about storage conditions:
Keep container tightly sealed.
Store in a dry place.
Keep cool.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

94-36-0 Dibenzoyl peroxide

WEL Long-term value: 5 mg/m³

84-61-7 Dicyclohexyl phthalate

WEL Long-term value: 5 mg/m³

Additional information: Based on the lists valid at the date of SDS creation.

8.2 Exposure controls:

Appropriate engineering controls

No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

8.2.2. Personal protection equipment

Pictogram	Remarks
Respiratory Protection	Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required. If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.). EN 143.
Skin Protection	Protective gloves. EN 374. Material of gloves: Rubber gloves. Penetration time of glove material: The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.
Eye Protection	Tightly sealed goggles. EN 166.
Body Protection	Use personal protective equipment as required. Take off contaminated clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Physical state:	Solid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined
Melting point/freezing point:	Undetermined
Boiling point or initial boiling point and boiling range:	Not determined
Flammability	May cause fire
Flammability Limits:	
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not applicable
Method:	
Auto-ignition temperature:	Not determined
Decomposition temperature:	SADT = 60°C
pH at 20 °C	7
VISCOSITY	
Kinematic viscosity:	Not applicable
Dynamic:	Not applicable
Solubility	
Water:	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not applicable
Density and/or relative density	
Density at 20 °C:	0.6 g/cm ³
Relative density:	630 kg/m ³
Vapour density:	Not determined
Particle characteristics:	Not determined

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continue)

9.2 Other information

Appearance:

Form: Powder

Important information on protection of health and environment, and on safety:

Ignition temperature: Not determined

Explosive properties: Product does not present an explosion hazard.

Molecular weight: Not determined

Information with regard to physical hazard classes

Explosives: Not applicable

Flammable gases: Not classified

Aerosols: Not classified

Oxidising gases: Not classified

Gases under pressure: Not classified

Flammable liquids: Not classified

Flammable solids: Not classified

Self-reactive substances and mixtures: Not classified

Pyrophoric liquids: Not classified

Pyrophoric solids: Not classified

Self-heating substances and mixtures: Not classified

Substances and mixtures, which emit flammable gases in

contact with water: Not classified

Oxidising liquids: Not classified

Oxidising solids: Not classified

Organic peroxides: Heating may cause a fire

Corrosive to metals: Not classified

Desensitised explosives: Not classified

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Stable under normal conditions.
No further relevant information available.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: SADT (self-accelerating decomposition temperature) possible at temperature above approximately +60°C. Vapour may form explosive mixtures with air.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide
Derivatives of Benzoic acid
Hydrocarbons
Irritating, corrosive, flammable gases may be formed in a fire or decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

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

LD/LC50 values relevant for classification:

84-61-7 Dicyclohexyl phthalate

Dermal LD50 30000 mg/kg (rat)

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitisation: May cause an allergic skin reaction.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: May damage the unborn child.

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

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

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

Additional toxicological information:

84-61-7 Dicyclohexyl phthalate

NOEC/NOEL mg/l (daphnia magna)

11.2 Information on other hazards


Endocrine disrupting properties

84-61-7 Dicyclohexyl phthalate


SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Aquatic Toxicity 84-61-7 Dicyclohexyl phthalate EC50, 48h mg/l (daphnia magna) Biodegradability
12.2 Persistence and Degradation	No further relevant information available
12.3 Bioaccumulative potential	No further relevant information available
12.4 Mobility in soil	No further relevant information available
12.5 Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
12.6 Endocrine disrupting properties	For information on endocrine disrupting properties see section 11.
12.7 Other adverse effects:	
Additional Ecological Information	General notes: Very toxic for aquatic organisms. Toxic for aquatic organisms. Also poisonous for fish and plankton in water bodies.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:		Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Uncleaned Packaging:	Recommendation: Disposal must be made according to official regulations.	

SECTION 14: TRANSPORT INFORMATION

14.1 UN number:	UN3106
14.2 UN proper shipping name: ADR IMDG, IATA	ORGANIC PEROXIDE TYPE D, SOLID, ENVIRONMENTALLY HAZARDOUS ORGANIC PEROXIDE TYPE D, SOLID
14.3 Transport Hazard Class(es): ADR/RID	
Class	5.2 Organic peroxides.
Label IMDG, IATA	5.2
Class	5.2 Organic peroxides.
Label	5.2
14.4 Packing Group ADR, IMDG, IATA	Not Regulated
14.5 Environmental hazards	
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Organic peroxides.
Hazard identification number (Kemler code):	-
EMS Number:	F-J,S-R
Stowage Category:	D
Stowage Code:	SW1 Protected from sources of heat.
Segregation Code	SG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not Regulated
Transport/Additional information:	
ADR	
Limited quantities (LQ):	500 g
Excepted quantities (EQ):	Code: E0 Not permitted as Excepted Quantity
Transport category:	2
Tunnel restriction code	D

SECTION 14: TRANSPORT INFORMATION (continue)

IMDG

Limited quantities (LQ):	500 g
Excepted quantities (EQ):	Code: E0.
	Not permitted as Excepted Quantity

SECTION 15: REGULATORY INFORMATION

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

See Section 2 for hazard identification.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category

P6b SELF-REACTIVE SUBSTANCES AND MIXTURES and ORGANIC PEROXIDES

E1 Hazardous to the Aquatic Environment

Qualifying quantity (tonnes) for the application of lower-tier requirements 50 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 30

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H241 Heating may cause a fire or explosion.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H360D May damage the unborn child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.