

Contact Sheet



Europe

 **Austria**
Tel: + 43 4212 6400
Sparex Austria
Muraunberger Str
Hurzendorf 9300

 **Belgium / Lux**
Tel: + 32 58235140
Sparex Belgium Bvba
Toevluchtweg 9
B- 8620 Nieuwpoort

 **Denmark**
Tel: + 45 647 22287
Sparex Denmark
Sparex Limited ApS
Messevej 1
9600 Aars

 **France**
Tel: +33 2987 89234
Sparex S.A.R.L.
Zae De Ty Douar
Commana 29450

 **Germany**
Tel: + 49 4282 93100
Sparex Germany
Hansestrasse 03
Sittensen 27419

 **Ireland**
Tel: +353 51 855592
Sparex (Tractor Accessories) Ltd
Grannagh
Waterford
Ireland

 **Italy**
Tel: + 43 4212 6400
Sparex Austria
Muraunberger Str
Hurzendorf 9300

 **Netherlands**
Tel: + 31 235 841 020
Sparex Holland BV
Luzernstraat 19N
2153 GM Nieuw-Vennep

 **Poland**
Tel: +48 61 816 19 37
61-168 ul. Rataje 164, Poznań

 **Portugal**
Tel: +351 261 311107
Sparex Portugal, Importação
e Comércio de Peças,Lda.
Lugar da Espera 2565-716 Runa.

 **Spain**
Tel: + 349 451 33524
Sparex Agrirepuestos,S.L. C/Jose Maria
Iparraguirre
No.15 B
01006 Vitoria-Gasteiz (Alava)

 **UK**
Tel: +44 1392 441338
Sparex Limited
Exeter Airport Devon
Exeter EX5 2LJ

North America

 **Canada**
Tel: + 905 786 277
Sparex Canada Highway
No. 2 On Newcastle L1b 119

 **USA**
Tel: + 1 330 562 8150
Sparex US
PO Box 510
Aurora, OH 44202

Africa

 **South Africa**
Cape - Tel: +27 00 21 887 3575
KZN - Tel: + 27 31 573 1240
Cape branch
35 George Blake St,
Plankenburg
Stellenbosch 7600
KZN branch
59 Marseilles crescent
Briardene
Durban 4001

Australasia

 **Australia**
Tel: + 61 298 205 777
Sparex Australia Pty Ltd
81-83 Strzelecki Avenue,
Sunshine West, VIC 3020

 **New Zealand**
Tel: + 64 9634 4121
4 Princes Street Onehunga,
Auckland 1345

Sparex Export Markets

 **Export**
Tel: +44 1392 441314
Sparex Limited
Exeter Airport
Devon Exeter EX5 2LJ

B270**Precautionary statements**

P261 Avoid breathing vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 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.
 P312 Call a POISON CENTER/ doctor if you feel unwell.
 P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

Ethoxylated Bisphenol A Dimethacrylate, 2-hydroxypropyl methacrylate, α,α -dimethylbenzyl hydroperoxide, 1-Acetyl-2-phenylhydrazine, maleic acid

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

| | |
|-----------------------------------------------|----------------------|
| Ethoxylated Bisphenol A Dimethacrylate | 30-60% |
| CAS number: 41637-38-1 | |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| Skin Sens. 1 - H317 | |
| STOT SE 3 - H335 | |
| 2-hydroxypropyl methacrylate | 30-60% |
| CAS number: 923-26-2 | EC number: 213-090-3 |
| Classification | |
| Eye Irrit. 2 - H319 | |
| Skin Sens. 1 - H317 | |

B270

| | |
|----------------------------------------------------------------|----------------------|
| α,α-dimethylbenzyl hydroperoxide | 1-5% |
| CAS number: 80-15-9 | EC number: 201-254-7 |
| Classification | |
| Org. Perox. E - H242 | |
| Acute Tox. 4 - H302 | |
| Acute Tox. 4 - H312 | |
| Acute Tox. 3 - H331 | |
| Skin Corr. 1B - H314 | |
| Eye Dam. 1 - H318 | |
| STOT SE 3 - H335 | |
| STOT RE 2 - H373 | |
| Aquatic Chronic 2 - H411 | |
| 1-Acetyl-2-phenylhydrazine | <1% |
| CAS number: 114-83-0 | |
| Classification | |
| Acute Tox. 3 - H301 | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| Skin Sens. 1 - H317 | |
| STOT SE 3 - H335 | |
| maleic acid | <1% |
| CAS number: 110-16-7 | EC number: 203-742-5 |
| Classification | |
| Acute Tox. 4 - H302 | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| Skin Sens. 1 - H317 | |
| STOT SE 3 - H335 | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if symptoms are severe or persist. |
| Ingestion | Do not induce vomiting. Give plenty of water to drink. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. |
| Skin contact | Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. Remove contaminated clothing. |
| Eye contact | Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing. |

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

| | |
|---------------------|----------------------------------------------------------|
| Skin contact | Prolonged skin contact may cause redness and irritation. |
|---------------------|----------------------------------------------------------|

B270

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

Specific treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire: Toxic gases or vapours.

Hazardous combustion products Oxides of the following substances: Carbon dioxide (CO₂). Nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Use only in well-ventilated areas. Avoid contact with eyes and prolonged skin contact. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures not exceeding 38°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight. Do not use containers made of the following materials: Aluminium. Mild steel. Copper. Rusty Steel. Tin.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

B270**8.1. Control parameters****8.2. Exposure controls**

| | |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection | Wear eye protection. |
| Hand protection | Wear protective gloves made of the following material: Polyethylene. Neoprene. Nitrile rubber. Do NOT use Polyvinyl chloride (PVC). Rubber (natural, latex). |
| Other skin and body protection | Wear apron or protective clothing in case of contact. |
| Hygiene measures | Provide eyewash station. |
| Respiratory protection | If ventilation is inadequate, suitable respiratory protection must be worn. |

SECTION 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties**

| | |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| Appearance | Liquid. |
| Colour | Green. |
| Odour | Sweetish. |
| Odour threshold | No information available. |
| pH | pH (concentrated solution): 3-5 |
| Melting point | Not applicable. |
| Initial boiling point and range | Not applicable. |
| Flash point | > 100°C |
| Upper/lower flammability or explosive limits | Not applicable. |
| Vapour pressure | -0.1 mm Hg @ 20°C |
| Vapour density | Not applicable. |
| Solubility(ies) | Miscible with the following materials: Organic solvents. Slightly soluble in water. |
| Partition coefficient | No information available. |
| Decomposition Temperature | No information available. |
| Viscosity | 500 cps @ °C |
| Explosive properties | No information available. |
| Oxidising properties | Not available. |

9.2. Other information

| | |
|--------------------------|--------------------------|
| Other information | No information required. |
|--------------------------|--------------------------|

SECTION 10: Stability and reactivity**10.1. Reactivity**

| | |
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| Reactivity | Oxidising agents. Metal oxides. |
|-------------------|---------------------------------|

10.2. Chemical stability

| | |
|------------------|---------------------------------------------------------------------|
| Stability | Stable at normal ambient temperatures and when used as recommended. |
|------------------|---------------------------------------------------------------------|

10.3. Possibility of hazardous reactions

B270**10.4. Conditions to avoid**

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Aluminium. Mild Steel Rusty Steel Copper Tin

10.6. Hazardous decomposition products

Hazardous decomposition products In case of fire gases can be released Carbon dioxide (CO₂). Nitrogen.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological effects No information available.

Acute toxicity - oral

ATE oral (mg/kg) 18,436.57817109

Acute toxicity - dermal

ATE dermal (mg/kg) 63,327.57628094

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 172.71157168

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Inhalation

Irritation of nose, throat and airway.

Ingestion

The product is considered to be a low hazard under normal conditions of use.

Skin contact

Skin irritation should not occur when used as recommended. Not a skin sensitiser.

Eye contact

May cause serious eye damage.

SECTION 12: Ecological Information**Ecotoxicity**

Not regarded as dangerous for the environment.

12.1. Toxicity**Ecotoxicity****Toxicity**

Do not empty into drains/surface water/ground water

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

12.3. Bioaccumulative potential**Bioaccumulative potential**

Low

Partition coefficient

No information available.

12.4. Mobility in soil**Mobility**

The product has poor water-solubility.

B270

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Dangerous Preparations Directive 1999/45/EC.
Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

15.2. Chemical safety assessment

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No chemical safety assessment has been carried out.

SECTION 16: Other information

| | |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision date | 17/03/2015 |
| Revision | 3 |
| Supersedes date | 06/10/2014 |
| SDS number | 4594 |
| Hazard statements in full | H242 Heating may cause a fire. H301 Toxic if swallowed. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects. |

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

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