



## Safety Data Sheet 7UVA110S13 - Clear ACR UV Sealer SP

Safety Data Sheet dated 13/1/2021, version 1

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

1.1. Product identifier

Mixture identification:

Trade name: Clear ACR UV Sealer SP

Trade code: 7UVA110S13

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

Recommended use: Surface coating

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1.3. Details of the supplier of the safety data sheet

Company:

Sirca S.p.A.

Address:

Viale Roma, 85  
35010 S. Dono di Massanzago (PD) - ITALY  
Tel. +39 0499322311

Competent person responsible for the safety data sheet:

safety@sirca.it

1.4. Emergency telephone number

Sirca S.p.A. +39 049 9322311 (08.00 - 17.00) From Monday to Friday

### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

- ⚠ Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
  - ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
  - ⚠ Danger, Eye Dam. 1, Causes serious eye damage.
  - ⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.
  - ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.
  - ⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

Adverse physicochemical, human health and environmental effects:

No other hazards known

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

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H317 May cause an allergic skin reaction.  
H336 May cause drowsiness or dizziness.  
H411 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.  
P240 Ground and bond container and receiving equipment.  
P243 Take action to prevent static discharges.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash your face, hands and every exposed part thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor/...  
P370+P378 In case of fire: Use CO<sub>2</sub>, Foam, Chemical powders to extinguish.  
P391 Collect spillage.  
P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains

ethyl acetate  
2,2-bis(acryloyloxymethyl)butyl acrylate; trimethylolpropane triacrylate  
sec-butyl acetate  
Oxybis(methyl-2,1-ethanediyl) diacrylate  
Glycerol, propoxylated, esters with acrylic acid: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

Other Hazards:

No other hazards known

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## SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

>= 20% - < 25% ethyl acetate

REACH No.: 01-2119475103-46-xxxx, Index number: 607-022-00-5, CAS: 141-78-6, EC: 205-500-4

⚠ 2.6/2 Flam. Liq. 2 H225

⚠ 3.3/2 Eye Irrit. 2 H319

⚠ 3.8/3 STOT SE 3 H336

EUH066

>= 20% - < 25% 2,2-bis(acryloyloxymethyl)butyl acrylate; trimethylolpropane triacrylate

REACH No.: 01-2119489896-11-xxxx, Index number: 607-111-00-9, CAS: 15625-89-5, EC:

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239-701-3

- ⚠ 3.3/2 Eye Irrit. 2 H319
- ⚠ 4.1/A1 Aquatic Acute 1 H400 M=1.
- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⚠ 4.1/C1 Aquatic Chronic 1 H410 M=1.
- ⚠ 3.4.2/1 Skin Sens. 1 H317

>= 7% - < 9.9% xylene [isomer mixture]

REACH No.: 01-2119488216-32-xxxx, Index number: 601-022-00-9, CAS: 1330-20-7, EC: 215-535-7

- ⚠ 2.6/3 Flam. Liq. 3 H226
- ⚠ 3.10/1 Asp. Tox. 1 H304
- ⚠ 3.3/2 Eye Irrit. 2 H319
- ⚠ 3.8/3 STOT SE 3 H335
- ⚠ 3.9/2 STOT RE 2 H373
- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⚠ 3.1/4/Dermal Acute Tox. 4 H312
- ⚠ 3.1/4/Inhal Acute Tox. 4 H332

>= 5% - < 7% sec-butyl acetate

REACH No.: 01-2119488971-22-xxxx, Index number: 607-026-00-7, CAS: 110-19-0, EC: 203-745-1

- ⚠ 2.6/2 Flam. Liq. 2 H225
  - ⚠ 3.8/3 STOT SE 3 H336
- EUH066

>= 3% - < 5% Oxybis(methyl-2,1-ethanediyl) diacrylate

REACH No.: 01-2119484629-21-xxxx, CAS: 57472-68-1, EC: 260-754-3

- ⚠ 3.3/1 Eye Dam. 1 H318
- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⚠ 3.4.2/1 Skin Sens. 1 H317

>= 3% - < 5% butanone

REACH No.: 01-2119457290-43-xxxx, Index number: 606-002-00-3, CAS: 78-93-3, EC: 201-159-0

- ⚠ 2.6/2 Flam. Liq. 2 H225
  - ⚠ 3.3/2 Eye Irrit. 2 H319
  - ⚠ 3.8/3 STOT SE 3 H336
- EUH066

>= 2.5% - < 3% Acrylate resin

- ⚠ 3.3/2 Eye Irrit. 2 H319

>= 2.5% - < 3% acetone

REACH No.: 01-2119471330-49-xxxx, Index number: 606-001-00-8, CAS: 67-64-1, EC: 200-662-2

- ⚠ 2.6/2 Flam. Liq. 2 H225
  - ⚠ 3.3/2 Eye Irrit. 2 H319
  - ⚠ 3.8/3 STOT SE 3 H336
- EUH066

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>= 2% - < 2.5% propan-2-ol

REACH No.: 01-2119457558-25-xxxx, Index number: 603-177-00-0, CAS: 67-63-0, EC: 200-661-7

- ⚠ 2.6/2 Flam. Liq. 2 H225
- ⚠ 3.3/2 Eye Irrit. 2 H319
- ⚠ 3.8/3 STOT SE 3 H336

>= 1% - < 2% ethylbenzene

Index number: 601-023-00-4, CAS: 100-41-4, EC: 202-849-4

- ⚠ 2.6/2 Flam. Liq. 2 H225
- ⚠ 3.1/4/Inhal Acute Tox. 4 H332
- ⚠ 3.9/2 STOT RE 2 H373
- ⚠ 3.10/1 Asp. Tox. 1 H304

>= 1% - < 2% BENZOPHENON

REACH No.: 01-2119899704-20-xxxx, CAS: 119-61-9, EC: 204-337-6

- 4.1/C3 Aquatic Chronic 3 H412
- ⚠ 3.9/2 STOT RE 2 H373

>= 1% - < 2% Glycerol, propoxylated, esters with acrylic acid

REACH No.: 01-2119487948-12-xxxx, CAS: 52408-84-1, EC: 500-114-5

- ⚠ 3.4.2/1 Skin Sens. 1 H317
- ⚠ 3.3/2 Eye Irrit. 2 H319

>= 0.0015% - < 0.05% acrylic acid

REACH No.: 01-2119452449-31-xxxx, Index number: 607-061-00-8, CAS: 79-10-7, EC: 201-177-9

- ⚠ 2.6/3 Flam. Liq. 3 H226
- ⚠ 3.1/4/Oral Acute Tox. 4 H302
- ⚠ 3.1/4/Dermal Acute Tox. 4 H312
- ⚠ 3.1/4/Inhal Acute Tox. 4 H332
- ⚠ 3.8/3 STOT SE 3 H335
- ⚠ 3.2/1A Skin Corr. 1A H314
- ⚠ 3.3/1 Eye Dam. 1 H318
- ⚠ 4.1/A1 Aquatic Acute 1 H400
- ⚠ 4.1/C2 Aquatic Chronic 2 H411

< 0.0015% hydrocarbons, c10-c13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

REACH No.: 01-2119457273-39-xxxx, EC: 918-481-9

- ⚠ 3.10/1 Asp. Tox. 1 H304
- EUH066

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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. OBTAIN IMMEDIATE MEDICAL ATTENTION.

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Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Induce vomiting only on doctor's advice

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show him packing or label.

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

Contact a poisons centre

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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#### SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

In case of fire: Use CO<sub>2</sub>, Foam, Chemical powders to extinguish.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Combustion may liberate toxic or very toxic gases. Do not breathe fumes.

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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#### SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

For emergency responders:

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

6.3. Methods and material for containment and cleaning up

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Collect the spilled product with no-sparking tools.

Rapidly recover the product. To do so, wear a mask and protective clothing.  
Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.  
After the product has been recovered, rinse the area and materials involved with water.

- 6.4. Reference to other sections  
See also section 8 and 13

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## SECTION 7: Handling and storage

- 7.1. Precautions for safe handling  
Keep away from flame and sparks. Avoid accumulating electrostatic charge.  
Place recipients on the ground whilst decanting, and wear anti-static clothing and shoes.  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.  
Do not smoke while working.  
See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities  
Always keep in a well ventilated place.  
Store at below 30 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.  
Keep away from food, drink and feed.  
Incompatible materials:  
None in particular.  
Instructions as regards storage premises:  
Cool and adequately ventilated.  
Safety electric system.
- 7.3. Specific end use(s)  
No further recommendations. Refer to point 1.2

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## SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters  
ethyl acetate - CAS: 141-78-6  
(OEL (IT)) - TWA: 734 mg/m<sup>3</sup>, 200 ppm - STEL: 1469 mg/m<sup>3</sup>, 400 ppm  
ACGIH - TWA(8h): 400 ppm - Notes: URT and eye irr  
EU - TWA(8h): 734 mg/m<sup>3</sup>, 200 ppm - STEL: 1468 mg/m<sup>3</sup>, 400 ppm
- xylene [isomer mixture] - CAS: 1330-20-7  
(OEL (IT)) - TWA(8h): 221 mg/m<sup>3</sup>, 50 ppm - STEL: 442 mg/m<sup>3</sup>, 100 ppm - Behaviour:  
Binding - Notes: pelle  
EU - TWA(8h): 221 mg/m<sup>3</sup>, 50 ppm - STEL: 442 mg/m<sup>3</sup>, 100 ppm - Notes: Skin  
ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair
- sec-butyl acetate - CAS: 110-19-0  
Québec - TWA: 712.64 mg/m<sup>3</sup>, 150 ppm  
ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr

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butanone - CAS: 78-93-3  
(OEL (IT)) - TWA(8h): 600 mg/m<sup>3</sup>, 200 ppm - STEL: 900 mg/m<sup>3</sup>, 300 ppm - Behaviour:  
Binding

EU - TWA(8h): 600 mg/m<sup>3</sup>, 200 ppm - STEL: 900 mg/m<sup>3</sup>, 300 ppm

ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm - Notes: BEI - URT irr, CNS and PNS  
impair

acetone - CAS: 67-64-1

Québec - TWA(8h): 1210 mg/m<sup>3</sup>, 500 ppm - Behaviour: Binding

TWA (Italia) - TWA: 1781 mg/m<sup>3</sup>

EU - TWA(8h): 1210 mg/m<sup>3</sup>, 500 ppm

ACGIH - TWA(8h): 250 ppm - STEL: 500 ppm - Notes: A4, BEI - URT and eye irr, CNS  
impair

propan-2-ol - CAS: 67-63-0

ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS  
impair

ethylbenzene - CAS: 100-41-4

(OEL (IT)) - TWA(8h): 442 mg/m<sup>3</sup>, 100 ppm - STEL: 884 mg/m<sup>3</sup>, 200 ppm - Behaviour:  
Binding - Notes: pelle

EU - TWA(8h): 442 mg/m<sup>3</sup>, 100 ppm - STEL: 884 mg/m<sup>3</sup>, 200 ppm - Notes: Skin

ACGIH - TWA(8h): 20 ppm - Notes: A3, BEI - URT irr, kidney dam (nephropathy),  
cochlear impair

BENZOPHENON - CAS: 119-61-9

ACGIH - TWA: 5 mg/m<sup>3</sup>

acrylic acid - CAS: 79-10-7

EU - TWA(8h): 29 mg/m<sup>3</sup>, 10 ppm - STEL: 59 mg/m<sup>3</sup>, 20 ppm - Notes: STEL duration: 1  
min

ACGIH - TWA(8h): 2 ppm - Notes: Skin, A4 - URT irr

hydrocarbons, c10-c13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

EU - STEL: 1200 mg/m<sup>3</sup>

#### DNEL Exposure Limit Values

ethyl acetate - CAS: 141-78-6

Worker Industry: 1468 mg/m<sup>3</sup> - Consumer: 734 mg/m<sup>3</sup> - Exposure: Human Inhalation -  
Frequency: Short Term, systemic effects

Worker Industry: 1468 ppm - Exposure: Human Inhalation - Frequency: Short Term  
(acute)

Worker Industry: 63 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term,  
systemic effects

Worker Industry: 734 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term,  
local effects

Worker Industry: 734 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term,  
systemic effects

Consumer: 4.5 mg/Kg-bw/day - Exposure: Human Oral - Frequency: Long Term, systemic  
effects

Consumer: 734 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term (acute)

Consumer: 734 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic  
effects

Consumer: 37 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term, local  
effects

Consumer: 367 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local  
effects

Consumer: 367 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic

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- effects
- 2,2-bis(acryloyloxymethyl)butyl acrylate; trimethylolpropane triacrylate - CAS: 15625-89-5  
Worker Industry: 0.8 mg/Kg-bw/day - Worker Professional: 0.48 mg/Kg-bw/day -  
Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Industry: 16.2 mg/m<sup>3</sup> - Worker Professional: 4.9 mg/m<sup>3</sup> - Exposure: Human  
Inhalation - Frequency: Long Term, systemic effects  
Worker Professional: 1.39 mg/Kg-bw/day - Exposure: Human Oral - Frequency: Long  
Term, systemic effects
- xylene [isomer mixture] - CAS: 1330-20-7  
Worker Industry: 180 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term,  
systemic effects  
Worker Industry: 77 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term,  
systemic effects  
Consumer: 108 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term,  
systemic effects  
Consumer: 1872 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local  
effects  
Consumer: 12.5 mg/Kg-bw/day - Exposure: Human Oral - Frequency: Long Term,  
systemic effects
- sec-butyl acetate - CAS: 110-19-0  
Worker Industry: 4.95 mg/Kg-bw/day - Consumer: 2.48 mg/Kg-bw/day - Exposure:  
Human Dermal - Frequency: Long Term, systemic effects  
Worker Industry: 243 mg/m<sup>3</sup> - Consumer: 60.3 mg/m<sup>3</sup> - Exposure: Human Inhalation -  
Frequency: Long Term, systemic effects  
Consumer: 2.48 mg/Kg-bw/day - Exposure: Human Oral - Frequency: Long Term,  
systemic effects
- Oxybis(methyl-2,1-ethanediyl) diacrylate - CAS: 57472-68-1  
Worker Industry: 2.77 mg/kg - Exposure: Human Dermal - Frequency: Long Term,  
systemic effects  
Worker Industry: 24.48 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term,  
systemic effects  
Exposure: Human Oral - Frequency: Long Term, systemic effects  
Worker Professional: 1.66 mg/kg - Exposure: Human Dermal - Frequency: Long Term,  
systemic effects  
Worker Professional: 7.24 mg/kg - Exposure: Human Inhalation - Frequency: Long Term,  
systemic effects  
Worker Professional: 2.08 mg/kg - Exposure: Human Oral - Frequency: Long Term,  
systemic effects
- butanone - CAS: 78-93-3  
Worker Industry: 1161 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long  
Term, systemic effects  
Worker Industry: 600 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term,  
systemic effects  
Consumer: 412 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term,  
systemic effects  
Consumer: 106 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic  
effects  
Consumer: 31 mg/Kg-bw/day - Exposure: Human Oral - Frequency: Long Term, systemic  
effects
- acetone - CAS: 67-64-1  
Worker Professional: 186 mg/kg/day - Exposure: Human Dermal - Frequency: Long



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Term, systemic effects  
Worker Professional: 2420 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term (acute)  
Worker Professional: 1210 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

propan-2-ol - CAS: 67-63-0  
Worker Industry: 500 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Worker Industry: 888 mg/kg/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 89 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 319 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 26 mg/kg/day - Exposure: Human Oral - Frequency: Long Term, systemic effects

ethylbenzene - CAS: 100-41-4  
Worker Industry: 180 mg/kg/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Industry: 293 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects  
Worker Industry: 77 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

BENZOPHENON - CAS: 119-61-9  
Worker Industry: 0.7 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Worker Industry: 0.1 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 0.17 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 0.05 mg/kg/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 0.05 mg/kg/day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Glycerol, propoxylated, esters with acrylic acid - CAS: 52408-84-1  
Worker Professional: 1.92 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Professional: 16.22 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 1.15 mg/kg/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 4.87 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 1.39 mg/kg/day - Exposure: Human Oral - Frequency: Long Term, systemic effects

acrylic acid - CAS: 79-10-7  
Worker Industry: 30 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects  
Worker Industry: 30 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects  
Worker Industry: 1 mg/cm<sup>2</sup> - Exposure: Human Dermal - Frequency: Short Term, local

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effects

PNEC Exposure Limit Values

ethyl acetate - CAS: 141-78-6

Target: Fresh Water - Value: 0.26 mg/l

Target: Marine water - Value: 0.026 mg/l

Target: Freshwater sediments - Value: 1.25 mg/kg

Target: Marine water sediments - Value: 0.125 mg/kg

Target: Soil (agricultural) - Value: 0.24 mg/kg

Target: orally (secondary poisoning) - Value: 200 mg/kg - Notes:: Dietetico

Target: STP - Value: 650 mg/l

2,2-bis(acryloyloxymethyl)butyl acrylate; trimethylolpropane triacrylate - CAS: 15625-89-5

Target: Fresh Water - Value: 0.00147 mg/l

Target: Marine water - Value: 0.000147 mg/l

Target: Freshwater sediments - Value: 0.0062 mg/kg

Target: Soil (agricultural) - Value: 0.0043 mg/kg

Target: Microorganisms in sewage treatments - Value: 6.25 mg/l

Target: occasional emission - Value: 0.0147 mg/l

Target: Marine water sediments - Value: 0.00062 mg/kg

Target: orally (secondary poisoning) - Value: 5.6 mg/kg

xylene [isomer mixture] - CAS: 1330-20-7

Target: Fresh Water - Value: 0.327 mg/l

Target: Fresh Water - Value: 0.327 mg/l

Target: occasional emission - Value: 0.327 mg/l

Target: Microorganisms in sewage treatments - Value: 6.58 mg/l

Target: Soil (agricultural) - Value: 2.31 mg/kg - Notes:: dry

Target: Marine water sediments - Value: 12.46 mg/kg - Notes:: dry

Target: Freshwater sediments - Value: 12.46 mg/kg - Notes:: dry

sec-butyl acetate - CAS: 110-19-0

Target: Fresh Water - Value: 0.17 mg/l

Target: Marine water - Value: 0.017 mg/l

Target: Freshwater sediments - Value: 0.877 mg/kg

Target: Marine water sediments - Value: 0.0877 mg/kg

Target: Soil (agricultural) - Value: 0.0755 mg/kg

Oxybis(methyl-2,1-ethanediyl) diacrylate - CAS: 57472-68-1

Target: Marine water - Value: 0.00034 mg/l

Target: Fresh Water - Value: 0.0034 mg/l

Target: Freshwater sediments - Value: 0.00884 mg/kg

Target: Soil (agricultural) - Value: 0.0013 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 mg/l

butanone - CAS: 78-93-3

Target: Marine water - Value: 55.8 mg/l

Target: Fresh Water - Value: 55.8 mg/l

Target: occasional emission - Value: 55.8 mg/l

Target: STP - Value: 709 mg/l

Target: Freshwater sediments - Value: 284.7 mg/kg dwt

Target: Marine water sediments - Value: 284.7 mg/kg dwt

Target: Soil (agricultural) - Value: 22.5 mg/kg

Target: orally (secondary poisoning) - Value: 1000 mg/kg

acetone - CAS: 67-64-1

Target: Marine water - Value: 1.06 mg/l

Target: Marine water sediments - Value: 3.04 mg/l

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	Target: Fresh Water - Value: 30.4 mg/l
	Target: Soil (agricultural) - Value: 29.5 mg/kg
	Target: Freshwater sediments - Value: 30.4 mg/kg
propan-2-ol - CAS: 67-63-0	
	Target: Fresh Water - Value: 140.9 mg/l
	Target: Marine water - Value: 140.9 mg/l
	Target: occasional emission - Value: 140.9 mg/l
	Target: Freshwater sediments - Value: 552 mg/kg
	Target: Marine water sediments - Value: 552 mg/kg
	Target: Soil (agricultural) - Value: 28 mg/kg
	Target: STP - Value: 2251 mg/l
ethylbenzene - CAS: 100-41-4	
	Target: Fresh Water - Value: 0.1 mg/l
	Target: Marine water - Value: 0.01 mg/l
	Target: Freshwater sediments - Value: 13.7 mg/l
	Target: Marine water sediments - Value: 13.7 mg/l
	Target: occasional emission - Value: 0.1 mg/l
BENZOPHENON - CAS: 119-61-9	
	Target: Fresh Water - Value: 0.02 mg/l
	Target: Marine water - Value: 0.002 mg/l
	Target: occasional emission - Value: 0.035 mg/l
	Target: Freshwater sediments - Value: 1.1 mg/kg
	Target: Marine water sediments - Value: 0.11 mg/kg
	Target: STP - Value: 3.16 mg/l
	Target: Soil (agricultural) - Value: 0.31 mg/kg
Glycerol, propoxylated, esters with acrylic acid - CAS: 52408-84-1	
	Target: Fresh Water - Value: 0.00574 mg/l
	Target: Marine water - Value: 0.000574 mg/l
	Target: Freshwater sediments - Value: 0.01697 mg/kg
	Target: Soil (agricultural) - Value: 0.00111 mg/kg
	Target: STP - Value: 10 mg/l
	Target: Marine water sediments - Value: 0.001697 mg/kg
acrylic acid - CAS: 79-10-7	
	Target: Fresh Water - Value: 0.003 mg/l
	Target: Marine water - Value: 0.0003 mg/l
	Target: occasional emission - Value: 0.0013 mg/l
	Target: Microorganisms in sewage treatments - Value: 0.9 mg/l
	Target: Freshwater sediments - Value: 0.0236 mg/kg
	Target: Marine water sediments - Value: 0.00236 mg/kg
	Target: Soil (agricultural) - Value: 1 mg/kg

#### 8.2. Exposure controls

##### Eye protection:

Use eye protection devices. Example: closed safety visors, goggles with side protection. Do not wear contact lenses.

##### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

##### Protection for hands:

Because of the synergetic effect of the substances contained in the formulation it is not possible to identify a unique material that can resist to their fusion. Multi - layer protective gloves can be suitable for mixes of substances. Pay attention to the data about grade of protection and of

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permeation rate furnished by the producer of the gloves about the substances listed on point 3 of this sheet.

Respiratory protection:

Use adequate protective respiratory equipment, e.g. A2 or A2P2 or A2P3.

Thermal Hazards:

None known

Environmental exposure controls:

None known

Appropriate engineering controls:

None

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#### SECTION 9: Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

Appearance and colour:	liquid
Odour:	characteristic
Odour threshold:	N.A.
pH:	N.A.
Melting point / freezing point:	< 1° C
Initial boiling point and boiling range:	> 55° C
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	< 23°C (< 73.4 °F)
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Relative density:	1.0750 Kg/l a 20°C
Solubility in water:	N.A.
Solubility in oil:	N.A.
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	> 250° C
Decomposition temperature:	N.A.
Viscosity (typical value):	40.00 " Din cup # 4
Explosive properties:	N.A.
Oxidizing properties:	N.A.

##### 9.2. Other information

Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

---

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

Stable under normal conditions

##### 10.2. Chemical stability

Stable under normal conditions

##### 10.3. Possibility of hazardous reactions

No dangerous reaction is stored and used appropriately.

##### 10.4. Conditions to avoid

Avoid accumulating electrostatic charge.

Vapours can form explosive mixtures with air.

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#### 10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

#### 10.6. Hazardous decomposition products

vapours potentially dangerous to health may be released.

---

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

ethyl acetate - CAS: 141-78-6

#### a) acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit > 20000 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 5620 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 29.3 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rabbit = 4934 mg/kg body weight

#### b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit Negative

#### e) germ cell mutagenicity:

Test: Genotoxicity Negative

#### j) aspiration hazard:

Test: Respiratory Tract Corrosive - Route: Inhalation Positive

2,2-bis(acryloyloxymethyl)butyl acrylate; trimethylolpropane triacrylate - CAS: 15625-89-5

#### a) acute toxicity:

Test: LC50 - Route: Oral - Species: Rat = 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 5000 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 0.55 mg/l - Duration: 6h

xylene [isomer mixture] - CAS: 1330-20-7

#### a) acute toxicity:

Test: LD50 - Route: Inhalation - Species: Rat = 27 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 12126 mg/kg

sec-butyl acetate - CAS: 110-19-0

#### a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 13413 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 17400 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 30 mg/l - Duration: 6h

Oxybis(methyl-2,1-ethanediy) diacrylate - CAS: 57472-68-1

#### a) acute toxicity:

Test: LC50 - Route: Oral - Species: Rat 3530 mg/kg

Test: LC50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Oral - Species: Rat Female 2810 mg/kg

Test: LC50 - Route: Oral - Species: Rat male 4270 mg/kg

#### b) skin corrosion/irritation:

Test: Eye Irritant Positive

Test: Skin Irritant Positive

butanone - CAS: 78-93-3

#### a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2737 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 6480 mg/kg

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- Test: LC50 - Route: Inhalation - Species: Rat = 23.5 mg/l - Duration: 8h
- b) skin corrosion/irritation:  
Test: Skin Corrosive - Species: Rabbit Negative - Notes: moderatamente irritante  
acetone - CAS: 67-64-1
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 5800 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit = 7800 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat 50100 mg/m<sup>3</sup> - Duration: 8h
- b) skin corrosion/irritation:  
Test: Eye Irritant Yes  
Test: Skin Irritant - Route: Skin Yes - Notes: Il contatto ripetuto può causare dermatiti  
propan-2-ol - CAS: 67-63-0
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 5045 mg/kg  
Test: LD50 - Route: Skin - Species: Rat = 12800 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat = 72000 mg/m<sup>3</sup> - Duration: 4h  
ethylbenzene - CAS: 100-41-4
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 3500 mg/kg  
Test: LD50 - Route: Oral - Species: Rat = 4710 mg/kg body weight  
Test: LD50 - Route: Skin - Species: Rabbit = 15400 mg/kg  
Test: LCLo - Route: Inhalation - Species: Rat = 4000 Ppm - Duration: 4h
- d) respiratory or skin sensitisation:  
Test: Skin Sensitization - Route: Skin - Species: Cavia porcellus Negative  
BENZOPHENON - CAS: 119-61-9
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Mouse = 2895 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit = 3535 mg/kg
- b) skin corrosion/irritation:  
Test: Skin Irritant - Species: Rabbit No  
Test: Eye Corrosive - Species: Rabbit No  
Glycerol, propoxylated, esters with acrylic acid - CAS: 52408-84-1
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg  
Test: LC50 - Route: Skin - Species: Rabbit > 2000 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat > 5 mg/l - Duration: 4h - Notes: Seria opacità della cornea, notevole arrossamento ed edema  
acrylic acid - CAS: 79-10-7
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 617 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat > 5.1 mg/l - Duration: 4h

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;

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- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

---

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

ethyl acetate - CAS: 141-78-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 454.7 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 154 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 3300 mg/l - Duration h: 48

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Algae > 100 mg/l - Duration h: 72

2,2-bis(acryloyloxymethyl)butyl acrylate; trimethylolpropane triacrylate - CAS: 15625-89-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 19.9 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 4.9 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 0.87 mg/l - Duration h: 96

xylene [isomer mixture] - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 1 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 3.2 mg/l - Duration h: 96

Endpoint: LC50 - Species: Algae = 2.6 mg/l - Duration h: 73

sec-butyl acetate - CAS: 110-19-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 17 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 25 mg/l - Duration h: 48

Endpoint: LC50 - Species: Algae = 370 mg/l - Duration h: 72

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 23 mg/l - Duration h: 504

c) Bacteria toxicity:

Endpoint: EC50 - Species: Active mud = 1886 mg/l - Duration h: 6

Oxybis(methyl-2,1-ethanediyl) diacrylate - CAS: 57472-68-1

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 16.7 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 2.2 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 22.3 mg/l - Duration h: 48

butanone - CAS: 78-93-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 3220 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 520 mg/l - Duration h: 48

acetone - CAS: 67-64-1

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 8800 mg/kg

b) Aquatic chronic toxicity:

Endpoint: EC50 - Species: Fish = 6070 mg/l - Duration h: 96

Endpoint: NOEC - Species: Fish 6070 mg/l - Duration h: 96

propan-2-ol - CAS: 67-63-0

a) Aquatic acute toxicity:



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- Endpoint: LC50 - Species: Fish = 9640 mg/l - Duration h: 96  
Endpoint: LC50 - Species: Daphnia > 1000 mg/l - Duration h: 24
- b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Daphnia = 30 mg/l - Duration h: 504 - Notes: Prova semistatica
- c) Bacteria toxicity:  
Endpoint: EC50 - Species: Active mud > 1000 mg/l
- e) Plant toxicity:  
Endpoint: NOEC - Species: Algae = 1800 mg/l - Duration h: 168 - Notes: Prova statica, inibizione della crescita
- ethylbenzene - CAS: 100-41-4
- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 42.3 mg/l - Duration h: 96
- BENZOPHENON - CAS: 119-61-9
- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 14.75 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Daphnia = 6.784 mg/l - Duration h: 48  
Endpoint: EC50 - Species: Algae = 3.5 mg/l - Duration h: 72
- b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Fish 2.1 mg/l  
Endpoint: NOEC - Species: Daphnia 0.2 mg/l  
Endpoint: NOEC - Species: Algae 1 mg/l
- Glycerol, propoxylated, esters with acrylic acid - CAS: 52408-84-1
- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 5.74 mg/l - Duration h: 96 - Notes: Guide line 203 (OECD)  
Endpoint: EC50 - Species: Daphnia = 91.4 mg/l - Notes: (OECD TG 202)  
Endpoint: ErC50 - Species: Algae = 12.2 mg/l - Notes: (OECD TG 201)  
Endpoint: EC50 - Species: Active mud > 1000 mg/l - Notes: Line directive 209 (OECD)
- acrylic acid - CAS: 79-10-7
- a) Aquatic acute toxicity:  
Endpoint: EC50 - Species: Algae = 0.04 mg/l - Duration h: 72  
Endpoint: LC50 - Species: Fish = 222 mg/l - Duration h: 96  
Endpoint: LC50 - Species: Daphnia = 270 mg/l - Duration h: 24  
Endpoint: EC50 - Species: Daphnia = 95 mg/l - Duration h: 48
- 12.2. Persistence and degradability  
None known  
N.A.
- 12.3. Bioaccumulative potential  
N.A.
- 12.4. Mobility in soil  
N.A.
- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects  
None known

---

## SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.



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Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

#### SECTION 14: Transport information

- 14.1. UN number  
 ADR-UN Number: 1263  
 IATA-Un number: 1263  
 IMDG-Un number: 1263
- 14.2. UN proper shipping name  
 ADR-Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)  
 IATA-Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)  
 IMDG-Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)
- 14.3. Transport hazard class(es)  
 ADR-Class: 3  
 ADR-Label: 3  
 ADR - Hazard identification number: 33  
 IATA-Class: 3  
 IATA-Label: 3  
 IMDG-Class: 3
- 14.4. Packing group  
 ADR-Packing Group: II  
 IATA-Packing group: II  
 IMDG-Packing group: II
- 14.5. Environmental hazards  
 Marine pollutant: Marine pollutant  
 Most important toxic component: BENZOPHENON
- 14.6. Special precautions for user  
 ADR-Transport category (Tunnel restriction code): 2 (D/E)  
 IATA-Passenger Aircraft: 353  
 IATA-Cargo Aircraft: 364  
 IMDG-Technical name: PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)  
 IMDG-EMS: FE , SE
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
 No

#### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
 Dir. 98/24/EC (Risks related to chemical agents at work)  
 Dir. 2000/39/EC (Occupational exposure limit values)  
 Regulation (EC) n. 1907/2006 (REACH)  
 Regulation (EC) n. 1272/2008 (CLP)  
 Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

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Regulation (EU) 2015/830  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
Regulation (EU) n. 2017/776 (ATP 10 CLP)  
Regulation (EU) n. 2018/669 (ATP 11 CLP)  
Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

1999/13/EC (VOC directive)

Directive 1999/13/CE

Total Volatile Organic Compounds (typical value):	49 %
Total Volatile Organic Carbon (typical value):	31.02 %
Total solids content:	50 - 52 %
Total Volatile Organic Compounds (typical value):	526.75 gr/l

15.2. Chemical safety assessment

No

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## SECTION 16: Other information

Text of phrases referred to under heading 3:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

H400 Very toxic to aquatic life.

H315 Causes skin irritation.

H410 Very toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.



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- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H411 Toxic to aquatic life with long lasting effects.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
- SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eighth Edition - Van Nostrand Reinold
- ACGIH - Threshold Limit Values - 2004 edition

#### RESTRICTED TO PROFESSIONAL USERS

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.



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TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day.  
(ACGIH Standard).  
WGK: German Water Hazard Class.  
N.A.: N.A.  
N.D.:

End of Safety Data Sheet

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Label model

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Hazard pictograms:

Danger

Hazard statements:

- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H317 May cause an allergic skin reaction.
- H336 May cause drowsiness or dizziness.
- H411 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.
- P240 Ground and bond container and receiving equipment.
- P243 Take action to prevent static discharges.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 Wash your face, hands and every exposed part thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER/doctor/...
- P370+P378 In case of fire: Use CO<sub>2</sub>, Foam, Chemical powders to extinguish.
- P391 Collect spillage.
- P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

- EUH066 Repeated exposure may cause skin dryness or cracking.

Contains

- ethyl acetate
- 2,2-bis(acryloyloxymethyl)butyl acrylate; trimethylolpropane triacrylate
- sec-butyl acetate
- Oxybis(methyl-2,1-ethanediy) diacrylate
- Glycerol, propoxylated, esters with acrylic acid: May produce an allergic reaction.

**Quantity:**

**Company:**