

Safety data sheet
according to EU No. 453/2010

Printing date 13.12.2013

Version number 4

Revision: 13.12.2013

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

1.1 Product identifier Stopaq EZ Topcoat

Trade name: Stopaq EZ Topcoat

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

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Application of the substance / the mixture Coating compound/ Surface coating/ paint

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Seal For Life Industries - Stopaq
Gasselterstraat 20, 9503JB Stadskanaal, the Netherlands
tel. +31 599 696 170, fax. +31 599 696 177, info@sealforlife.com

Further information obtainable from: Product safety department of manufacturer/supplier

1.4 Emergency telephone number:

Tel: +31 (0) 599 696 170 (during office hours)

Fax: +31 (0) 599 696 177

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

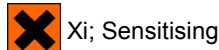


GHS07

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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xi; Sensitising

R43: May cause sensitisation by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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



GHS07

Signal word Warning

Hazard-determining components of labelling:

polypropyleneglycol alkyl phenyl ether

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Hazard statements

H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.
P321 Specific treatment (see on this label).
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not available.
vPvB: Not available.

3 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

| Dangerous components: | | |
|--|--|---------|
| | zinc phosphate, modified ☠ N R51/53 ⚠ Aquatic Chronic 2, H411 | 10-25% |
| CAS: 9064-13-5 EC number: 618-605-9 | polypropyleneglycol alkyl phenyl ether ☠ Xi R43 ⚠ Skin Sens. 1, H317 | 2,5-10% |
| CAS: 64742-82-1 EINECS: 265-185-4 Index number: 649-330-00-2 | Naphtha (petroleum), hydrodesulfurized heavy. Nota P: <0.1% benzene ☠ Xn R65 R10-66-67 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336 | ≤ 2,5% |
| CAS: 68551-44-0 EINECS: 271-378-4 | fatty acids, C6-19-branched, zinc salts ☠ Xi R38; ☠ N R50/53 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315 | ≤ 2,5% |

SVHC None.

Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

4.1 Description of first aid measures

After inhalation:

Supply fresh air or oxygen; call for doctor.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Remove contaminated clothing
Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Seek immediate medical advice.
Remove any contact lenses
Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Alcohol resistant foam
Carbon dioxide
Fire-extinguishing powder
Water haze

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO)
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

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

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol.

6.2 Environmental precautions:

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

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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.

7 Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Avoid ignition sources

Do not eat, drink or smoke while handling the product

When sanding, avoid inhalation of dust.

Information about fire - and explosion protection: Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility:

Do not store together with acids.

Do not store together with alkalis (caustic solutions).

Store away from oxidizing agents.

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Further information about storage conditions:

Protect from frost.
Store in a dry, cool, well ventilated place
Protect from heat and direct sunlight.
Keep away from heat sources, ignition sources, oxidizing agents, (strong) acids, (strong) alkalis.
Store under lock and key and with access restricted to technical experts or their assistants only.

7.3 Specific end use(s) No further relevant information available.

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:

64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy. Nota P: <0.1% benzene

| | |
|-----|---|
| TWA | Long-term value: 300 mg/m ³ , 52 ppm |
| | CEFIC-ESIG |

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.

Respiratory protection:

When ventilation and extraction at the workplace is insufficient to keep the concentration of particles and vapour below exposure limits, adequate respiratory protection must be used.
Self-contained respiratory protective device.
In case dust and/or fumes are generated by operations such as welding, sawing, brazing, grinding and machining:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Filter A/P2

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Eye protection:



Tightly sealed goggles

Body protection: Protective work clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

| | |
|-------------------------|------------------------------------|
| Form: | Viscous |
| Colour: | According to product specification |
| Odour: | Light |
| Odour threshold: | Not determined. |

pH-value at 20 °C: > 8

Change in condition

| | |
|-------------------------------------|---------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | > 100 °C |

Flash point: Not applicable.

Flammability (solid, gaseous): Not applicable.

Ignition temperature:

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

| | |
|---------------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

Vapour pressure: Not determined.

| | |
|--------------------------|------------------------|
| Density at 20 °C: | 1,25 g/cm ³ |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| Evaporation rate | Not determined. |

Solubility in / Miscibility with water:

Fully miscible.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

| | |
|--------------------------|-----------------|
| Dynamic at 20 °C: | 9000 mPas |
| Kinematic: | Not determined. |

Solvent content:

| | |
|--------------------------|--------|
| Organic solvents: | 0,0 % |
| VOC (EC) | 0,00 % |

9.2 Other information

No further relevant information available.

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10 Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials:

Reacts with oxidizing agents.

Reacts with strong acids.

Strong alkalines

10.6 Hazardous decomposition products:

No dangerous decomposition products known.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

zinc phosphate, modified

| | | |
|------|------|----------------------|
| Oral | LD50 | >5000 mg/kg bw (rat) |
|------|------|----------------------|

64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy. Nota P: <0.1% benzene

| | | |
|------------|---------|---|
| Oral | LD50 | 6000 mg/kg bw (rat) |
| Dermal | LD50 | >3400 mg/kg bw (rat) >3200 mg/kg bw (rabbit) |
| Inhalative | LC50/4h | 13,1 mg/l (rat) |

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

12.1 Toxicity

zinc phosphate, modified

| | |
|----------|--|
| EC50/48h | 10 - 50 mg/l (Daphnia magna) |
| EC50/72h | 10 - 20 mg/l (Algae - Desmodesmus subspicatus) |
| LC50/96h | 1 - 5 mg/l (Fish - Oncorhynchus mykiss) |

9064-13-5 polypropyleneglycol alkyl phenyl ether

| | |
|----------|-----------------------------|
| LC50/48h | 53 mg/l (fish) |
| LC50/96h | 10-100 mg/l (Daphnia magna) |

Aquatic 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.

Ecotoxicological effects:

Remark: Toxic for fish

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Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not available.

vPvB: Not available.

12.6 Other adverse effects No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods

Recommendation

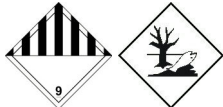
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Dispose safely in accordance with local and national legislations

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 Transport information

| | |
|--|--|
| 14.1 UN-Number ADR, IMDG, IATA | UN3082 |
| 14.2 UN proper shipping name ADR IMDG IATA | 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc phosphate, modified) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc phosphate, modified, fatty acids, C6-19-branched, zinc salts), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc phosphate, modified) |
| 14.3 Transport hazard class(es) ADR, IMDG, IATA  Class Label | 9 Miscellaneous dangerous substances and articles. 9 |
| 14.4 Packing group ADR, IMDG, IATA | III |
| 14.5 Environmental hazards: Marine pollutant: Special marking (ADR): Special marking (IATA): | Product contains environmentally hazardous substances: zinc phosphate, modified Yes Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree) |
| 14.6 Special precautions for user Danger code (Kemler): | Warning: Miscellaneous dangerous substances and articles. 90 |

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| | |
|---|--|
| EMS Number: | F-A,S-F |
| 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| Transport/Additional information: | |
| ADR | |
| Limited quantities (LQ) | 5L |
| Transport category | 3 |
| Tunnel restriction code | E |
| UN "Model Regulation": | UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc phosphate, modified), 9, III |

15 Regulatory information

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

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

- H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

- R10 Flammable.
R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Department issuing MSDS: Product safety department

Contact:

Seal For Life Industries
Gasselterstraat 20, 9503JB Stadskanaal, the Netherlands
Tel: +31 599 696 170; Fax: +31 599 696 177; Email: info@sealforlife.com

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)

* **Data compared to the previous version altered.**