



SOLKEM EXP 242

Safety Data Sheet

According to Regulation (EC) No. 1907/2006

Version: 1

Version date: 02/07/2018

Language: EN

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

1.1. Product identifier

Trade name/designation : SOLKEM EXP 242.

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

Relevant identified uses : Binder for paints and lacquers. Exclusively for the production of coatings.

Uses advised against : No data available.

1.3. Details of the supplier of the safety data sheet

Supplier : Name: Ecoat S.A.S.
Street: ZI Bois de Grasse – 1, avenue Louison Bobet
Postal code/City: 06130 Grasse
Country: France
Telephone: 04 93 40 74 54
Telefax: 09 71 70 58 32
E-mail: contact@ecoat.fr
E-mail: Web site: www.ecoat.fr

1.4. Emergency Telephone Number

European Union: ORFILA (INRS): + 33 (0) 1 45 42 59 59

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms -
Signal word -
Product identifiers -
Hazard Statements -
Supplemental Hazard information (EU) -
Precautionary Statements - General -
Precautionary Statements - Prevention -
Precautionary Statements - Response -
Precautionary Statements - Storage -
Precautionary Statements - Disposal -

2.3. Other hazards

Not available

SECTION 3: Composition/information on ingredients

3.1. Substances/3.2 Mixtures

Petroleum naphtha soluble alkyd resin.

This mixture does not contain any substances presenting a health or environmental hazard within the meaning of the Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Product/ingredient name	C (%)	Classification	Specific concentration limits	Note
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics CAS N°:- EC N°:918-481-9 REACH N°:01-2119457273-39	40.0% <C≤ 50.0%	H304: May be fatal if swallowed and enters airways.	-	-

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

3.3. Remark

Not available

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary. Provide fresh air.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.
Following ingestion	:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Self-protection of the first aider	:	No special measures are necessary.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

Notes for the doctor : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO ₂). Sand.
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special measures are necessary. Use appropriate respiratory protection. Provide adequate ventilation.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

No special measures are necessary.

Use only in well-ventilated areas.

If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.

Provide adequate ventilation as well as local exhaust at critical locations.

Dust should be exhausted directly at the point of origin.

Store at ambient temperature (5°C < T°C < 40 °C).

Advices on general occupational hygiene

Wash hands before breaks and after work.

Remove contaminated, saturated clothing.

Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place. Keep container in upright position in order to prevent leakage.

Requirements for storage rooms and vessels

Ensure adequate ventilation of the storage area.

7.3. Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Not available

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Personal protection equipment



Eye/face protection	:	Suitable eye protection: Goggles
Skin protection	:	Hand protection: Disposable gloves Body protection: No special measures are necessary.
Respiratory protection	:	Respiratory protection necessary at: If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protection apparatus: Wear respiratory protection. Remark: The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Remark: Observe the wear time limits as specified by the manufacturer. Remark: Use only respiratory protection equipment with CE-symbol including four digit test number.

Environmental exposure controls

No special measures are necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Medium gel to solid
Colour:	Yellow to light brown
Odour:	Not available
Odour threshold:	Not available
pH:	Not available
Melting point/freezing point:	Not available
Initial boiling point and boiling range:	175°C - 235°C
Flash point:	Approx. 63°C
Evaporation rate:	Not available
Flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	Not available
Solubility(ies):	Not available
Partition coefficient: n-octanol/water (Log KOC):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	>20.5mm ² /s at 40°C
Explosive properties:	Not available
Oxidising properties:	Not available

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Not available

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Not available

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Not available

Substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Species : Rat

Sex :

Guideline : OECD Guideline 401 (Acute Oral Toxicity)

Subendpoint	Operator	Value	Unit
LD50	>	5000	mg/kg bw

Conclusion :

11.2. Acute skin toxicity

Data for mixture

Not available

Substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Species : Rat
Sex :
Guideline : OECD Guideline 402 (Acute Dermal Toxicity)
Exposure duration/value : 24
Exposure duration/unit : h

Subendpoint	Operator	Value	Unit
LD50	>	2000	mg/kg bw

Conclusion :

11.3. Acute inhalation toxicity

Data for mixture

Not available

Substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Species : Rat
Sex :
Guideline : OECD Guideline 403 (Acute Inhalation Toxicity)
Route of administration : inhalation: vapour
Exposure duration/value : 8
Exposure duration/unit : h

Subendpoint	Results/Sex	Operator	Value	Unit
LC50	-	>	5000	mg/m3

Conclusion :

11.4. Skin corrosion

Data for mixture

Not available

Substances

Not available

11.5. Eye damage

Data for mixture

Not available

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Not available

Substances

Not available

11.7. STOT RE

Data for mixture

Not available

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. Genotoxicity

Data for mixture

Not available

Substances

Not available

Additional information

Not available

SECTION 12: Ecological information

12.1. Toxicity

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

Acute aquatic toxicity

Substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Animals/category : algae or cyanobacteria
Species : Pseudokirchneriella subcapitata.
Test duration : 72
Unit : h
Guideline : OECD 201

Subendpoint	Value	Unit
ErL50	>1000	mg/L

Remarks :

Animals/category : algae or cyanobacteria
Species : Pseudokirchneriella subcapitata.
Test duration : 72
Unit : h
Guideline : OECD 201

Subendpoint	Value	Unit
EbL50	>1000	mg/L

Remarks :

Animals/category : Daphnia and other invertebrates aquatic
Species : Daphnia magna
Test duration : 48
Unit : h
Guideline : OECD 202

Subendpoint	Value	Unit
EL50	>1000	mg/L

Remarks :

Animals/category : Fish
Species : Oncorhynchus mykiss
Test duration : 96
Unit : h
Guideline : OECD 203

Subendpoint	Value	Unit
LL50	>1000	mg/L

Remarks :

Animals/category : alga or cyanobacteria
Species : Pseudokirchneriella subcapitata - biomass
Test duration : 72
Unit : h
Guideline : OECD 201

Subendpoint	Value	Unit
NOELR	1000	mg/L

Remarks :

Animals/category : alga or cyanobacteria
Species : Pseudokirchneriella subcapitata - growth rate
Test duration : 72
Unit : h
Guideline : OECD 201

Subendpoint	Value	Unit
NOELR	1000	mg/L

Remarks :

Chronic aquatic toxicity

Substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Animals/category : Daphnia and other invertebrates aquatic
Species : Daphnia magna
Guideline :
Exposure duration/value : 21
Exposure duration/unit : days

Subendpoint	Value	Unit
NOELR	0.18	mg/L

Remarks :

Animals/category : Fish
Species : Oncorhynchus mykiss - QSAR Petrotox
Guideline :
Exposure duration/value : 28
Exposure duration/unit : days

Subendpoint	Value	Unit
NOELR	0.10	mg/L

Remarks :

12.2. Persistence and degradability

The product has not been tested.

Biodegradation

Substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Inoculum :
Guideline : OECD 301F
Test duration : 28
Unit : days

Parameter	Degradation rate	Unit
-	80	%

Remarks : Easily biodegradable.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Dispose of waste according to applicable legislation.

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Dispose of waste according to applicable legislation.

For recycling, contact manufacturer.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR/RID/ADN/IMDG/ICAO/IATA).

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental hazards

Not regulated.

14.6. Special precautions for user

Not regulated.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not regulated.

14.8. Additional information

Not available

SECTION 15: Regulatory information

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

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006. This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

Not available

15.2. Chemical Safety Assessment

For this substance/mixture a chemical safety assessment is not required. For this substance/mixture a chemical safety assessment has been elaborated. For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 02/07/2018

Version: 1

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16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. CLP: Classification, labeling and packaging. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non-identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.