

Safety Data Sheet



LFE497 SIVOSAT Finitura ACR effetto naturale - Clear Acrylic natural effect

Safety Data Sheet dated 8/29/2018, version 1

1. Identification

GHS Product identifier

Mixture identification:
 Trade name: SIVOSAT Finitura ACR effetto naturale - Clear Acrylic natural effect
 Other means of identification
 Trade code: LFE497

Recommended use and restrictions on use

Recommended use:
 Industrial and professional uses (SU3 - SU22)
 Varnish for wood

Supplier's details

Company:
 NUOVA S.I.V.A.M. SpA - Via Monviso, 10 - 20010 BAREGGIO (MI) - Tel. +39 02 90304.1
 Importer:
 Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.
 7900 Henri-Bourassa Blvd. W.
 Montreal, Quebec, Canada, H4S 1V4
 Tel :+1-514-832-4010
 Emergency phone number for Canada: Canutec (613) 996-6666
 Distributor:
 Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.
 7900 Henri-Bourassa Blvd. W.
 Montreal, Quebec, Canada, H4S 1V4
 Tel :+1-514-832-4010
 Emergency phone number for Canada: Canutec (613) 996-6666

Competent person responsible for the safety data sheet:
 msds@sivam.it

Emergency phone number

NUOVA S.I.V.A.M. SpA - Tel. +39 02 90304.1 (Monday - Friday 8.00 - 15.00)
 Poison Centre - Ospedale di Niguarda - Milan - Tel. +39 02 66101029 (24 h)

2. Hazard identification

Classification of the hazardous product

- ⚠ 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, STOT SE 3, May cause respiratory irritation.
- ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.
- ⚠ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.

GHS label elements, including precautionary statements

Hazard pictograms:



Danger

Hazard statements:

H225 Highly flammable liquid and vapour.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H373 May cause damage to organs through prolonged or repeated exposure.

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.
 P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
 P242 Use non-sparking tools.
 P243 Take action to prevent static discharges.

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P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 Wash ... Thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water/...
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
 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.
 P310 Immediately call a POISON CENTER/doctor/...
 P312 Call a POISON CENTER/ doctor/if you feel unwell.
 P314 Get medical advice/attention if you feel unwell.
 P321 Specific treatment (see ... On this label).
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P370+P378 In case of fire, use alcohol resistant foam, dry chemical, CO₂, water spray. Do not use water jet.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with applicable regulations.

Special provisions

None

Other hazards

None

Ingredient(s) with unknown acute toxicity

None.

3. Composition/Information on ingredients

Substances

N.A.

Mixtures

Hazardous components within the meaning of WHMIS 2015 and related classification:

| Qty | Name | Ident. Number | Classification |
|------------------|----------------------------------|--|---|
| >= 30% - < 40% | n-butyl acetate | Index number: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 REACH No.: 01-2119485493-29 | ⚠ B.6/3 Flam. Liq. 3 H226 ⚠ A.8/3 STOT SE 3 H336 |
| >= 20% - < 25% | xylene [4] | Index number: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7 REACH No.: 01-2119488216-32 | ⚠ B.6/3 Flam. Liq. 3 H226 ⚠ A.1/4/Dermal Acute Tox. 4 H312 ⚠ A.1/4/Inhal Acute Tox. 4 H332 ⚠ A.2/2 Skin Irrit. 2 H315 ⚠ A.8/3 STOT SE 3 H335 ⚠ A.9/2 STOT RE 2 H373 ⚠ A.10/1 Asp. Tox. 1 H304 |
| >= 10% - < 12.5% | 2-methylpropan-1-ol; iso-butanol | Index number: 603-108-00-1 CAS: 78-83-1 EC: 201-148-0 REACH No.: 01-2119484609-23 | ⚠ B.6/3 Flam. Liq. 3 H226 ⚠ A.8/3 STOT SE 3 H335 ⚠ A.2/2 Skin Irrit. 2 H315 ⚠ A.3/1 Eye Dam. 1 H318 ⚠ A.8/3 STOT SE 3 H336 |
| >= 10% - < 12.5% | isobutyl acetate [2] | Index number: 607-026-00-7 CAS: 110-19-0 EC: 203-745-1 REACH No.: 01-2119488971-22 | ⚠ B.6/2 Flam. Liq. 2 H225 ⚠ A.8/3 STOT SE 3 H336 |

4. First-aid measures

Description of necessary first-aid measures

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In case of skin contact:

Immediately take off all contaminated clothing.
OBTAIN IMMEDIATE MEDICAL ATTENTION.
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:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

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

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed, if necessary

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

Treatment:

None

5. Fire-fighting measures

Suitable and unsuitable extinguishing media

Suitable extinguishing media:

In case of fire, use alcohol resistant foam, dry chemical, CO₂, water spray. Do not use water jet.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the hazardous product

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties:

N.D. in volume

Oxidizing properties:

N.D.

Special protective equipment and precautions for fire-fighters

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Provide adequate ventilation.
Remove persons to safety.
Use appropriate respiratory protection.
See protective measures under point 7 and 8.

Methods and material for containment and cleaning up

Wash with plenty of water.

7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not use on extensive surface areas in premises where there are occupants.
Use localized ventilation system.
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.
See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Avoid accumulating electrostatic charge.
Keep away from food, drink and feed.

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Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.
Safety electric system.
Storage temperature:
Store at ambient temperature.

8. Exposure controls/personal protection

Control parameters

n-butyl acetate - CAS: 123-86-4
ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr
xylene [4] - CAS: 1330-20-7
EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: Skin
ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair
2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1
ACGIH - TWA(8h): 50 ppm - Notes: Skin and eye irr
isobutyl acetate [2] - CAS: 110-19-0
ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr

DNEL Exposure Limit Values

n-butyl acetate - CAS: 123-86-4
Worker Industry: 960 mg/m³ - Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human
Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 960 mg/m³ - Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human
Inhalation - Frequency: Short Term, local effects
Worker Industry: 480 mg/m³ - Worker Professional: 480 mg/m³ - Consumer: 102.34 mg/m³ - Exposure: Human
Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 480 mg/m³ - Worker Professional: 480 mg/m³ - Consumer: 102.34 mg/m³ - Exposure: Human
Inhalation - Frequency: Long Term, local effects
xylene [4] - CAS: 1330-20-7
Worker Industry: 289 mg/m³ - Worker Professional: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human
Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 77 mg/m³ - Worker Professional: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human
Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 180 mg/kg - Worker Professional: 180 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal
- Frequency: Long Term, systemic effects
Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1
Worker Industry: 310 mg/m³ - Worker Professional: 310 mg/m³ - Consumer: 55 mg/m³ - Exposure: Human
Inhalation - Frequency: Long Term, local effects
isobutyl acetate [2] - CAS: 110-19-0
Worker Industry: 300 mg/m³ - Worker Professional: 300 mg/m³ - Consumer: 35.7 mg/m³ - Exposure: Human
Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 600 mg/m³ - Worker Professional: 600 mg/m³ - Consumer: 300 mg/m³ - Exposure: Human
Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 10 mg/kg - Worker Professional: 10 mg/kg - Consumer: 5 mg/kg - Exposure: Human Dermal -
Frequency: Long Term, systemic effects
Consumer: 5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

n-butyl acetate - CAS: 123-86-4
Target: Fresh Water - Value: 0.18 mg/l
Target: Marine water - Value: 0.018 mg/l
Target: Intermittent emission - Value: 0.36 mg/l
Target: Freshwater sediments - Value: 0.98 mg/kg
Target: Marine water sediments - Value: 0.098 mg/kg
Target: Microorganisms in sewage treatments - Value: 35.6 mg/l
Target: Soil (agricultural) - Value: 0.09 mg/kg
xylene [4] - CAS: 1330-20-7
Target: Fresh Water - Value: 0.327 mg/l
Target: Marine water - Value: 0.327 mg/l
Target: Intermittent emission - Value: 0.327 mg/l
Target: Freshwater sediments - Value: 12.46 mg/kg
Target: Marine water sediments - Value: 12.46 mg/kg
Target: Microorganisms in sewage treatments - Value: 6.58 mg/l
Target: Soil (agricultural) - Value: 2.31 mg/kg
2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1
Target: Fresh Water - Value: 0.4 mg/l

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Target: Marine water - Value: 0.04 mg/l
 Target: Freshwater sediments - Value: 1.52 mg/kg
 Target: Marine water sediments - Value: 0.152 mg/kg
 Target: Intermittent emission - Value: 11 mg/l
 Target: Microorganisms in sewage treatments - Value: 10 mg/l
 Target: Soil (agricultural) - Value: 0.06 mg/kg
 isobutyl acetate [2] - CAS: 110-19-0
 Target: Fresh Water - Value: 0.17 mg/l
 Target: Marine water - Value: 0.017 mg/l
 Target: Intermittent emission - Value: 0.34 mg/l
 Target: Microorganisms in sewage treatments - Value: 200 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
 Biological Exposure Index
 xylene [4] - CAS: 1330-20-7
 Value: 1.5 g/g - medium: Urine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn
 Appropriate engineering controls
 None
 Individual protection measures, such as personal protective equipment (PPE)
 Eye protection:
 Eye glasses with side protection. (EN166)
 Protection for skin:
 Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
 Protection for hands:
 Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. (EN374)
 Respiratory protection:
 Use respiratory protection where ventilation is insufficient or exposure is prolonged.
 Use adequate protective respiratory equipment.
 Thermal Hazards:
 None

9. Physical and chemical properties

| | |
|---|------------------------------------|
| Appearance and colour: | opalescent fluid |
| Odour: | typical |
| Odour threshold: | N.D. |
| pH: | N.A. |
| Melting point / freezing point: | N.D. °C |
| Initial boiling point and boiling range: | > 110 °C |
| Flash point: | < 23 °C |
| Evaporation rate: | N.D. |
| Solid/gas flammability: | N.A. |
| Upper/lower flammability or explosive limits: | 7.5% - 1.6% Vol. (n-butyl acetate) |
| Vapour pressure: | N.D. (20 °C) |
| Vapour density: | > 1 |
| Relative density: | 0.900 - 0.920 |
| Solubility in water: | partial |
| Solubility in oil: | partial |
| Partition coefficient (n-octanol/water): | N.D. |
| Auto-ignition temperature: | > 300 °C |
| Decomposition temperature: | N.D. °C |
| Viscosity: | N.D. |

10. Stability and reactivity

Reactivity
 It may generate dangerous reactions (See subsections below)
 Chemical stability
 It may generate dangerous reactions (See subsections below)
 Possibility of hazardous reactions
 It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), and nitrides.
 It may catch fire on contact with oxidising mineral acids, powerful oxidising agents, and powerful reducing agents.
 Conditions to avoid
 Avoid accumulating electrostatic charge.
 Incompatible materials
 Avoid contact with combustible materials. The product could catch fire.
 Hazardous decomposition products

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None.

11. Toxicological information

Information on toxicological effects

Toxicological information of the product:

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- a) acute toxicity
 - Not classified
 - No data available for the product
- b) skin corrosion/irritation
 - The product is classified: Skin Irrit. 2 H315
- c) serious eye damage/irritation
 - The product is classified: Eye Dam. 1 H318
- d) respiratory or skin sensitisation
 - Not classified
 - No data available for the product
- e) germ cell mutagenicity
 - Not classified
 - No data available for the product
- f) carcinogenicity
 - Not classified
 - No data available for the product
- g) reproductive toxicity
 - Not classified
 - No data available for the product
- h) STOT-single exposure
 - The product is classified: STOT SE 3 H335;STOT SE 3 H336
- i) STOT-repeated exposure
 - The product is classified: STOT RE 2 H373
- j) aspiration hazard
 - Not classified
 - No data available for the product

Toxicological information of the main substances found in the product:

n-butyl acetate - CAS: 123-86-4

- a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat > 10760 mg/kg - Source: OECD 423
 - Test: LC50 - Route: Inhalation - Species: Rat > 23.4 mg/l - Duration: 4h - Source: OECD 403
 - Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg - Source: OECD 402

xylene [4] - CAS: 1330-20-7

- a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg
 - Test: LD50 - Route: Oral - Species: Mouse = 5627 mg/kg
 - Test: LC50 - Route: Inhalation - Species: Rat = 6700 Ppm - Duration: 4h
 - Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1

- a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat > 2830 mg/kg
 - Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
 - Test: LC50 - Route: Inhalation - Species: Rat > 24.6 mg/l - Duration: 4h

isobutyl acetate [2] - CAS: 110-19-0

- a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat = 13.4 g/kg - Source: OCSE 401
 - Test: LD50 - Route: Oral - Species: Rabbit = 4.76 g/kg
 - Test: LC50 - Route: Inhalation - Species: Rat > 23.4 mg/l - Duration: 4h - Source: OCSE 403
 - Test: LD50 - Route: Skin - Species: Rabbit > 17.4 g/kg - Source: OCSE 402

n-butyl acetate - CAS: 123-86-4

The vapours can cause headache and nausea. As a liquid it can irritate the eyes and cause conjunctivitis, it can irritate the skin and cause dermatitis and, if swallowed, causes inebriation, hallucinations and sedation.

Symptoms of illness at 500 ppm. Serious toxic effects at 2.000 ppm for 60 min.

xylene [4] - CAS: 1330-20-7

Observations on human subjects.

Effects following acute exposure:dermatitis, eczema, irritation to the eyes and to the respiratory tract,dizziness, headache, nausea, incoordination, excitability, narcosis, anaemia, and paraesthesia of the hands and feet.

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

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xylene [4] - Group 3.
 Substance(s) listed as OSHA Carcinogen(s):
 None.
 Substance(s) listed as NIOSH Carcinogen(s):
 None.

12. Ecological information

Ecotoxicity
 Adopt good working practices, so that the product is not released into the environment.
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 Not classified for environmental hazards
 No data available for the product

n-butyl acetate - CAS: 123-86-4
 a) Aquatic acute toxicity:
 Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96 - Notes: OECD 203
 Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48
 Endpoint: EC50 - Species: Algae = 674 mg/l - Duration h: 72

xylene [4] - CAS: 1330-20-7
 a) Aquatic acute toxicity:
 Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96
 Endpoint: EC50 - Species: Algae = 4.3 mg/l - Duration h: 72
 Endpoint: EC50 - Species: Daphnia = 1 mg/l - Duration h: 24
 b) Aquatic chronic toxicity:
 Endpoint: NOEC - Species: Fish > 1.3 mg/l - Notes: 56d
 Endpoint: NOEC - Species: Daphnia = 1.57 mg/l - Notes: 21d

isobutyl acetate [2] - CAS: 110-19-0
 a) Aquatic acute toxicity:
 Endpoint: EC50 - Species: Algae = 397 mg/l - Duration h: 72 - Notes: OCSE 201
 Endpoint: EC50 - Species: Daphnia = 24.6 mg/l - Duration h: 48 - Notes: OCSE 202
 Endpoint: LC50 - Species: Fish = 16.6 mg/l - Duration h: 96 - Notes: OCSE 203
 b) Aquatic chronic toxicity:
 Endpoint: NOEC - Species: Daphnia = 23.2 mg/l - Notes: OCSE 201 (21d)

Persistence and degradability
 n-butyl acetate - CAS: 123-86-4
 Biodegradability: Readily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.
 xylene [4] - CAS: 1330-20-7
 Biodegradability: Readily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.
 2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1
 Biodegradability: Readily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.
 isobutyl acetate [2] - CAS: 110-19-0
 Biodegradability: Readily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.

Bioaccumulative potential
 N.A.

Mobility in soil
 N.A.

Other adverse effects
 None

13. Disposal considerations

Safe handling and methods for disposal
 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.

14. Transport information



| | |
|-----------------|--------|
| UN number | |
| TDG number: | UN1263 |
| ADR-UN Number: | 1263 |
| DOT number: | UN1263 |
| IATA-UN Number: | 1263 |

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| | |
|--|---|
| IMDG-UN Number: | 1263 |
| UN proper shipping name | |
| TDG-Shipping Name: | PAINT |
| ADR-Shipping Name: | PAINT |
| DOT-Shipping Name: | Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base or Paint related material including paint thinning, drying, removing, or reducing compound |
| ADR-Technical Name: | Paint |
| IATA-Shipping Name: | PAINT |
| IATA-Technical name: | Paint |
| IMDG-Shipping Name: | PAINT |
| IMDG-Shipping name: | Paint |
| Transport hazard class(es) | |
| TDG Class: | 3 |
| ADR-Class: | 3 |
| DOT Hazard Class: | 3 |
| ADR - Hazard identification number: | 33 |
| IATA-Class: | 3 |
| IATA-Label: | 3 |
| IMDG-Class: | 3 |
| Packing group | |
| TDG Packing group: | II |
| ADR-Packing Group: | II |
| DOT Packing group: | II |
| IATA-Packing group: | II |
| IMDG-Packing group: | II |
| Environmental hazards | |
| ADR-Environmental Pollutant: | No |
| IMDG-Marine pollutant: | No |
| Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code) | |
| | N.A. |
| Special precautions in connection with transport or conveyance | |
| Rail (RID): | 3 |
| TDG Special provisions: | 59,142 |
| DOT Special provisions: | 149, 367, 383, B52, B131, IB2, T4, TP1, TP8, TP28 |
| ADR-Subsidiary risks: | - |
| ADR-S.P.: | 163 367 640D 650 |
| ADR-Transport category (Tunnel restriction code): | 2 (D/E) |
| IATA-Passenger Aircraft: | 353 |
| IATA-Subsidiary risks: | - |
| IATA-Cargo Aircraft: | 364 |
| IATA-S.P.: | A3 A72 A192 |
| IATA-ERG: | 3L |
| IMDG-EmS: | F-E , S-E |
| IMDG-Subsidiary risks: | - |
| IMDG-Stowage and handling: | Category A |
| IMDG-Segregation: | - |

15. Regulatory information

Safety, health and environmental regulations specific for the product in question
 This Safety Data Sheet has been prepared according to the Hazardous Products Regulations (HPR) - WHMIS 2015.

NPRI - National Pollutant Release Inventory
 Substance(s) listed under NPRI:
 None.

DSL inventory - Domestic substances list
 no substances listed

NDSL inventory - Not Domestic substances list
 no substances listed

TSCA inventory
 All the components are listed on the TSCA inventory.

TSCA listed substances:
 n-butyl acetate is listed in TSCA Section 8b
 xylene [4] is listed in TSCA Section 8b
 2-methylpropan-1-ol; iso-butanol is listed in TSCA Section 8b, Section 8d HSDR
 isobutyl acetate [2] is listed in TSCA Section 8b.

USA - Federal regulations
 SARA - Superfund Amendments and Reauthorization Act

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Section 302 – Extremely Hazardous Substances: no substances listed.

Section 304 – Hazardous substances: n-butyl acetate, xylene [4], 2-methylpropan-1-ol; iso-butanol, isobutyl acetate [2].

Section 313 – Toxic chemical list: xylene [4].

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA: n-butyl acetate - Reportable quantity: 5000 pounds

xylene [4] - Reportable quantity: 100 pounds

2-methylpropan-1-ol; iso-butanol - Reportable quantity: 5000 pounds

isobutyl acetate [2] - Reportable quantity: 5000 pounds.

Reportable quantity for mixture: 416.6666667 pounds.

CAA - Clean Air Act

CAA listed substances:

n-butyl acetate is listed in CAA Section 111

xylene [4] is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON

2-methylpropan-1-ol; iso-butanol is listed in CAA Section 111

isobutyl acetate [2] is listed in CAA Section 111.

CWA - Clean Water Act

CWA listed substances:

n-butyl acetate is listed in CWA Section 304, Section 311

xylene [4] is listed in CWA Section 304, Section 311

isobutyl acetate [2] is listed in CWA Section 311.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

n-butyl acetate

xylene [4]

2-methylpropan-1-ol; iso-butanol

isobutyl acetate [2].

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

n-butyl acetate

xylene [4]

2-methylpropan-1-ol; iso-butanol

isobutyl acetate [2].

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

n-butyl acetate

xylene [4]

2-methylpropan-1-ol; iso-butanol

isobutyl acetate [2].

Volatile Organic compounds - VOCs = 79.85 %

Volatile Organic compounds - VOCs = 734.62 g/l

Volatile CMR substances = 0.00 %

Organic Carbon - C = 0.57

16. Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

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

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

H225 Highly flammable liquid and vapour.

Safety Data Sheet dated 8/29/2018, version 1

Disclaimer:

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. The information relates only to the specific material and may not be valid

Safety Data Sheet

LFE497 SIVOSAT Finitura ACR effetto naturale - Clear Acrylic natural effect

for such material used in combination with any other material or in any process.
This Safety Data Sheet cancels and replaces any preceding release.

| | |
|-----------|--|
| ADR: | European Agreement concerning the International Carriage of Dangerous Goods by Road. |
| 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. |
| GHS: | Globally Harmonized System of Classification and Labeling of Chemicals. |
| HMIS: | Hazardous Materials Identification System |
| IARC: | International Agency for Research on Cancer |
| 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. |
| NFPA: | National Fire Protection Association |
| NIOSH: | National Institute for Occupational Safety and Health |
| NTP: | National Toxicology Program |
| OSHA: | Occupational Safety and Health Administration. |
| PNEC: | Predicted No Effect Concentration. |
| RID: | Regulation Concerning the International Transport of Dangerous Goods by Rail. |
| STEL: | Short Term Exposure limit. |
| STOT: | Specific Target Organ Toxicity. |
| TLV: | Threshold Limiting Value. |
| TWA: | Time-weighted average |