SAFETY DATA SHEET



The information in this Safety Data Sheet is required pursuant to Hazardous Product Regulations 2015.

Date of issue/Date of revision 8 September 2023 Version 10

| Section 1. Identification | |
|----------------------------------|---|
| Product name | : K&L KEELOCK HI-SOLIDS EPOXY LEMON ICE-A |
| Product code | : KL96007967/01 |
| Other means of identification | : Not available. |
| Product type | : Liquid. |
| Relevant identified uses o | f the substance or mixture and uses advised against |
| Product use | : Industrial applications, Used by spraying. |
| Use of the substance/ mixture | : Coating. |
| Uses advised against | : Not applicable. |
| Supplier | PPG Architectural Coatings Canada, Inc. 1550, rue Ampère, bureau 500 Boucherville (Québec) J4B 7L4 Canada +1 450-655-3121 |
| Emergency telephone | PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272 : (412) 434-4515 (U.S.) |
| <u>number</u> | (514) 645-1320 (Canada) SETIQ Interior de la República: 800-00-214-00 (México) SETIQ Ciudad de México: (55) 5559-1588 (México) |
| Technical Phone Number | : 888-977-4762 |

Section 2. Hazard identification

| Classification of the substance or mixture | AMMABLE LIQUIDS - Category 3 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1B CARCINOGENICITY - Category 1 TOXIC TO REPRODUCTION - Category 2 SPECIFIC TARGET OPGANITOXICITY (PEREATED EXPOSURE) - Category 1 |
|--|---|
| | TOXIC TO REPRODUCTION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 Health Hazards Not Otherwise Classified - Category 1 |

Product name K&L KEELOCK HI-SOLIDS EPOXY LEMON ICE-A

Section 2. Hazard identification

This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8).

| | protective equipment and/or engineering controls (see Section 8). |
|--------------------------------|--|
| GHS label elements | |
| Hazard pictograms | |
| Signal word | Danger |
| Hazard statements | Fammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact may dry skin and cause irritation. |
| Precautionary statements | |
| Prevention | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. |
| Response | IF exposed or concerned: Get medical advice or attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. |
| Storage | Store locked up. |
| Disposal | Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Supplemental label elements | Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated. Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 17.9% (oral), 24.3% (dermal), 58.9% (inhalation) |

Section 3. Composition/information on ingredients

| Substance/mixture | : Mixture |
|-------------------------------|---|
| Product name | : K&L KEELOCK HI-SOLIDS EPOXY LEMON ICE-A |
| Other means of identification | : Not available. |

CAS number/other identifiers

| 2,2'-[(1-methylethylidene)bis (4,1-phenyleneoxymethylene)]bisoxirane; | 15 - 40 | 1675-54-3 |
|--|--|--|
| Oxirane, 2,2'-[(1-methylethylidene)bis (4,1-phenyleneoxymethylene)]bis-; Bisphenol A diglycidyl ether; Bisphenol A, diglycidyl ether; Bis-[4-(2,3-epoxypropoxy) phenyl]propane; 2,2-bis[4- (2,3-epoxypropoxy)phenyl]propane; Propane, 2,2-bis(p-(2,3-epoxypropoxy) phenyl)-; diglycidyl ether of bisphenol-A; 2,2-bis(4-hydroxyphenyl) propane bis (2,3-epoxypropyl) ether; Araldite; DIPHENYLOL PROPANE DIGLYCIDYL ETHER | | |
| Titanium oxide; Titanium oxide (TiO2); Cl 77891; Titanium peroxide; Rutile; C.I. Pigment White 6; titanium dioxide coated with isopropoxytitanium triisostearate, containing by weight 1,5 % or more but not more than 2,5 % of isopropoxytitanium triisostearate; glass flakes (CAS RN 65997-17-3): — of a thickness of 0,3 μ m or more but not more than 10 μ m, and — coated with titanium dioxide (CAS RN 13463-67-7) or iron oxide (CAS RN 18282- 10-5); titanium dioxide, other than those of heading 3206 11 00; C.I. 77891; E 171; titanium(IV) oxide, other than those of heading 3206 11 00 | 10 - 30* | 13463-67-7 |
| alpha-quartz; Silica, crystalline (quartz); Silica, Crystalline Quartz; SILICA, CRYSTALLINE, QUARTZ; Silica- Crystalline, Quartz; Silica - Crystalline Quartz; Silica-Crystalline : Quartz; Silica, crystalline - quartz | 10 - 30* | 14808-60-7 |
| monopropylene glycol methyl ether; 1-methoxypropan-2-ol; 2-Propanol, 1-methoxy-; Propylene glycol monomethyl ether; Dowtherm 209; Propylene glycol methyl ether; 1-Methoxy- 2-hydroxypropane; 2-Methoxy- 1-methylethanol; PGME; mixture containing by weight: — 69 % or more but not more than 71 % of 1-methoxypropan- | 1 - 5* | 107-98-2 |
| | diglycidyl ether; Bis-[4-(2,3-epoxypropoxy) phenyl]propane; 2,2-bis[4- (2,3-epoxypropoxy)phenyl]propane; Propane, 2,2-bis(p-(2,3-epoxypropoxy) phenyl)-; diglycidyl ether of bisphenol-A; 2,2-bis(4-hydroxyphenyl) propane bis (2,3-epoxypropyl) ether; Araldite; DIPHENYLOL PROPANE DIGLYCIDYL ETHER Titanium oxide; Titanium oxide (TiO2); CI 77891; Titanium peroxide; Rutile; C.I. Pigment White 6; titanium dioxide coated with isopropoxytitanium triisostearate, containing by weight 1,5 % or more but not more than 2,5 % of isopropoxytitanium triisostearate; glass flakes (CAS RN 65997-17-3): — of a thickness of 0,3 µm or more but not more than 10 µm, and — coated with titanium dioxide (CAS RN 13463-67-7) or iron oxide (CAS RN 13282- 10-5); titanium dioxide, other than those of heading 3206 11 00; C.I. 77891; E 171; titanium(IV) oxide, other than those of heading 3206 11 00 alpha-quartz; Silica, crystalline (quartz); Silica, Crystalline Quartz; Silica - Crystalline Quartz; Silica, crystalline Quartz; Silica, crystalline Quartz; Silica, crystalline ; Quartz; Silica, crystalline Quartz; Silica, crystalline (quartz); silica, crystalline ; Quartz; Silica, crystalline Quartz; Silica, crystalline Quartz; Silica, crystalline ; Quartz; Sili | diglycidyl ether; Bis-[4-(2,3-epoxypropoxy) phenyl]propane; 2,2-bis[4- (2,3-epoxypropoxy)phenyl]propane; Propane, 2,2-bis(p-(2,3-epoxypropoxy) phenyl)-; diglycidyl ether of bisphenol-A; 2,2-bis(4-hydroxyphenyl) propane bis (2,3-epoxypropyl) ether; Araldite; DIPHENYLOL PROPANE DIGLYCIDYL ETHER Titanium oxide; Titanium oxide (TiO2); CI 77891; Titanium peroxide; Rutile; C.I. Pigment White 6; titanium dioxide coated with isopropoxytitanium triisostearate, containing by weight 1,5 % or more but not more than 2,5 % of isopropoxytitanium triisostearate; glass flakes (CAS RN 65997-17-3): — of a thickness of 0,3 µm or more but not more than 10 µm, and — coated with titanium dioxide (CAS RN 13463-67-7) or iron oxide (CAS RN 13463-67-7) or iron oxide, other than those of heading 3206 11 00; C.I. 77891; E 171; titanium(IV) oxide, other than those of heading 3206 11 00 alpha-quartz; Silica, crystalline (quartz); Silica, Crystalline Quartz; Silica - Crystalline Quartz; Silica - Crystalline Quartz; Silica, crystalline - quartz monopropylene glycol methyl ether; 1-methoxypropan-2-ol; 2-Propanol, 1-methoxy-; Propylene glycol monomethyl ether; 1-Methoxy- 2-hydroxypropane; 2-Methoxy- 1- 5* |

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Section 3. Composition/information on ingredients

| | 2-ol (CAS RN 107-98-2), — 29 % or more but not more than 31 % of 2-methoxy- 1-methylethyl acetate (CAS RN 108-65-6); methoxyisopropanol | | |
|--|--|------------|----------------|
| n-butyl acetate | Acetic acid, butyl ester; Butyl Acetate; n- Butyl-acetate; Butyl ethanoate; n-Butyl ester of acetic acid; product composed of hydrocarbons (predominantly paraffinic and naphthenic) and n-butyl acetate; 1-butyl acetate; 1-Acetoxybutane; Butyl ester, Acetic acid; normal butyl acetate; Acetic acid, n-butyl ester | 1 - 5* | 123-86-4 |
| oxirane, mono[(C12-14-alkyloxy) methyl] derivs. | Oxirane, 2-[(C12-14-alkyloxy)methyl] derivs.; Alkyl (C12-C14) Glycidyl Ether; Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives; (C12-14) Alkylglycidyl ether; Oxirane, mono((C12-14-alkyloxy)methyl) derivatives; Alkyl -C12-14-glycidyl ether; oxirane, mono[(C12-14-alkyloxy)methyl] derivs; Oxirane, mono[(alkyl(C=12-14)oxy) methyl] derivs.; Glycidol derivatives; C12-14-ALKYL GLYCIDYL ETHER; Alkyl (C12, C14) glycidyl ether | 1 - 5* | 68609-97-2 |
| Talc , not containing asbestiform fibres | Talc; magnesium silicate monohydrate (talc) not containing asbestiform fibres | 1 - 5* | 14807-96-6 |
| xylene | Benzene, dimethyl-; Xylol; xylene, mixed isomers, pure; xylene, crude; Benzene, dimethyl-,; Xylene (mixed); Xylenes; Dimethylbenzene; XYLENES (Isomer Mixture); xylene (mixture), including m- xylene, o-xylene, p-xylene; XYLENE, mixture of isomers | 0.5 - 1.5* | 1330-20-7 |
| aluminium hydroxide | Aluminum hydroxide; Aluminium hydroxide (Al(OH)3); Alumina hydrate; Aluminium hydroxide gel; Aluminium trihydrate; Amorphous alumina; Aluminum hydroxide (Al(OH)3); ALUMINUM TRIHYDRATE; ALUMINUM HYDRATE; ALUMINUM, HYDRATED; ALUMINUM OXIDE HYDRATE | 0.5 - 1.5* | 21645-51-2 |
| ethylbenzene | Benzene, ethyl-; Phenylethane; Ethylbenzol; photosensitive emulsion consisting of cyclized polyisoprene containing: — 55 % or more but not more than 75 % by weight of xylene (CAS RN 1330-20-7) and — 12 % or more but not more than 18 % by weight of ethylbenzene (CAS RN 100-41-4); EB; Mono-(or di-) methyl (ethyl,bromoallyl, bromopropyloxycarbonyl) benzene | 0.1 - 1* | 100-41-4 |
| | | Car | nada Page: 4/2 |

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Section 3. Composition/information on ingredients

| | Ŭ | | |
|------------------------|--|----------|---------|
| propylidynetrimethanol | 1,3-Propanediol, 2-ethyl-2-(hydroxymethyl) -; 1,1,1-Trimethylolpropane; Propane, 1,1,1-tris(hydroxymethyl)-; trimethylolpropane; 2-ethyl- 2-hydroxymethylpropane-1,3-diol; 2-Ethyl- 2-hydroxymethyl-1,3-propanediol; 1,1,1-TRIS(HYDROXYMETHYL) PROPANE; Hexaglycerine; Hexaglycerol; 2-Ethyl-2-(hydroxymethyl) -1,3-propanediol; Tris(hydroxymethyl) propane | 0.1 - 1* | 77-99-6 |

*Ranges if listed above for hazardous ingredient(s) are prescribed ranges. The actual concentration(s) or actual concentration range(s) are being withheld as a trade secret.

SUB codes represent substances without registered CAS Numbers.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Description of necessary first aid measures

| Eye contact | : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. |
|--------------|--|
| Inhalation | : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. |
| Skin contact | : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. |
| Ingestion | : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting. |

| Most important s | vmptoms/effects | acute and delaved | |
|------------------|-----------------|-------------------|--|
| most important s | ymptoma/enecta, | acute and delayed | |

| Potential acute health effects | |
|--------------------------------|--|
| Eye contact | Causes serious eye irritation. |
| Inhalation | No known significant effects or critical hazards. |
| Skin contact | Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction. |
| Ingestion | No known significant effects or critical hazards. |
| Over-exposure signs/sympto | <u>ms</u> |
| Eye contact | Adverse symptoms may include the following: pain or irritation watering redness |
| Inhalation | Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations |

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Section 4. First-aid measures

| Skin contact | : 🗚 dverse symptoms may include the following: |
|----------------------------|--|
| | irritation |
| | redness |
| | dryness |
| | cracking |
| | reduced fetal weight increase in fetal deaths |
| | skeletal malformations |
| to see the se | |
| Ingestion | : Adverse symptoms may include the following: |
| | reduced fetal weight increase in fetal deaths |
| | skeletal malformations |
| | |
| Indication of immediate me | dical attention and special treatment needed, if necessary |
| Notes to physician | : Treat symptomatically. Contact poison treatment specialist immediately if large |
| | quantities have been ingested or inhaled. |
| Specific treatments | : No specific treatment. |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. If it |
| | is suspected that fumes are still present, the rescuer should wear an appropriate |
| | mask or self-contained breathing apparatus. It may be dangerous to the person |
| | providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing |
| | thoroughly with water before removing it, or wear gloves. |

See toxicological information (Section 11)

Section 5. Fire-fighting measures

| • | - |
|--|--|
| Extinguishing media | |
| Suitable extinguishing media | : Use dry chemical, CO ₂ , water spray (fog) or foam. |
| Unsuitable extinguishing media | : Do not use water jet. |
| Specific hazards arising from the chemical | : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
| Hazardous thermal decomposition products | : Decomposition products may include the following materials: carbon oxides halogenated compounds metal oxide/oxides |
| Special protective actions for fire-fighters | : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
| Special protective equipment for fire-fighters | : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

Section 6. Accidental release measures

| Personal precautions, protect | tiv | e equipment and emergency procedures |
|--------------------------------|-----|---|
| For non-emergency personnel | : | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| For emergency responders | : | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| Environmental precautions | : | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |

Methods and materials for containment and cleaning up

| Small spill | : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
|-------------|--|
| Large spill | : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: Fut on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Section 7. Handling and storage

| Special precautions | : | Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts. |
|--|---|---|
| Advice on general occupational hygiene | : | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| Conditions for safe storage, including any incompatibilities | : | Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. |

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits | | |
|---|---|--|--|
| s-[4-(2,3-epoxipropoxi)phenyl]propane titanium dioxide | None. CA British Columbia Provincial (Canada, 6/2022). [Titanium dioxide] TWA: 10 mg/m³ 8 hours. Form: Total dust TWA: 3 mg/m³ 8 hours. Form: respirable fraction CA Quebec Provincial (Canada, 6/2022). TWAEV: 10 mg/m³ 8 hours. Form: Total dust. CA Alberta Provincial (Canada, 6/2018). Skin sensitizer. 8 hrs OEL: 10 mg/m³ 8 hours. CA Ontario Provincial (Canada, 6/2019). TWA: 10 mg/m³ 8 hours. Form: total dust CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m³ 15 minutes. TWA: 10 mg/m³ 8 hours. | | |
| crystalline silica, respirable powder (<10 microns) | CA British Columbia Provincial (Canada, 6/2022). [Silica, Crystalline - alpha quartz and Cristobalite Respirable] TWA: 0.025 mg/m ³ 8 hours. Form: Respirable CA Ontario Provincial (Canada, 6/2019). [Silica, Crystalline (Quartz/Tripoli)] TWA: 0.1 mg/m ³ 8 hours. Form: Respirable CA Quebec Provincial (Canada, 6/2022). [Silica Crystalline -Quartz] | | |
| 1 | Canada Page: 8/2 | | |

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Section 8. Exposure controls/personal protection

| | TWAEV: 0.1 mg/m ³ 8 hours. Form: Respirable dust. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 0.025 mg/m ³ 8 hours. Form: Respirable particulate CA Saskatchewan Provincial (Canada, 7/2013). TWA: 0.05 mg/m ³ 8 hours. Form: respirable fraction |
|--|---|
| 1-methoxy-2-propanol | CA Alberta Provincial (Canada, 6/2018). 15 min OEL: 553 mg/m³ 15 minutes. 15 min OEL: 150 ppm 15 minutes. 8 hrs OEL: 369 mg/m³ 8 hours. 8 hrs OEL: 100 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2022). STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 6/2022). STEV: 553 mg/m³ 15 minutes. STEV: 150 ppm 15 minutes. TWAEV: 369 mg/m³ 8 hours. TWAEV: 369 mg/m³ 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours. |
| n-butyl acetate | CA Alberta Provincial (Canada, 6/2018). Skin sensitizer. 15 min OEL: 950 mg/m³ 15 minutes. 15 min OEL: 200 ppm 15 minutes. 8 hrs OEL: 713 mg/m³ 8 hours. 8 hrs OEL: 150 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 200 ppm 15 minutes. TWA: 150 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [butyl acetates, all isomers] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2022). [butyl acetate, all isomers] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 6/2022). [butyl acetates (all isomers)] STEV: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. |
| oxirane, mono[(C12-14-alkyloxy)methyl] derivs. Talc , not containing asbestiform fibres | None. CA British Columbia Provincial (Canada, |
| | Canada Page: 9/20 |

Product name K&L KEELOCK HI-SOLIDS EPOXY LEMON ICE-A

Section 8. Exposure controls/personal protection

| | 6/2022). TWA: 2 mg/m ³ 8 hours. Form: Respirable CA Ontario Provincial (Canada). TWA: 2 ppb Form: Respirable TWA: 2 mg/m ³ Form: Respirable CA Quebec Provincial (Canada, 6/2022). TWAEV: 2 mg/m ³ 8 hours. Form: Respirable dust. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 2 mg/m ³ 8 hours. Form: Respirable particulate CA Ontario Provincial (Canada, 6/2019). TWA: 2 mg/m ³ 8 hours. Form: Respirable particulate matter. CA Saskatchewan Provincial (Canada, 7/2013). TWA: 2 mg/m ³ 8 hours. Form: respirable fraction |
|---------------------|--|
| xylene | CA Alberta Provincial (Canada, 6/2018). [Dimethylbenzene (o,m & p isomers)] 15 min OEL: 651 mg/m ³ 15 minutes. 15 min OEL: 150 ppm 15 minutes. 8 hrs OEL: 434 mg/m ³ 8 hours. 8 hrs OEL: 100 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2022). [Xylene (o, m & p isomers)] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours. CA Quebec Provincial (Canada, 6/2022). [Xylene (o-,m-,p- isomers)] STEV: 651 mg/m ³ 15 minutes. STEV: 651 mg/m ³ 15 minutes. STEV: 150 ppm 15 minutes. TWAEV: 434 mg/m ³ 8 hours. TWAEV: 434 mg/m ³ 8 hours. TWAEV: 100 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [Xylene (o-, m-, p-isomers)] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). [Xylene (o, m-, p-isomers)] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours. |
| aluminium hydroxide | CA British Columbia Provincial (Canada, 6/2022). [Aluminum metal and insoluble compounds Respirable] TWA: 1 mg/m ³ 8 hours. Form: Respirable CA British Columbia Provincial (Canada, 6/2008). TWA: 3 mg/m ³ 8 hours. Form: Respirable dust TWA: 10 mg/m ³ 8 hours. Form: Total dust CA Quebec Provincial (Canada, 6/2022). [aluminum and its compounds] TWAEV: 5 mg/m ³ 8 hours. Form: Respirable dust. |

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Section 8. Exposure controls/personal protection

| | CA Ontario Provincial (Canada, 6/2019). [Aluminum metal and insoluble compounds] TWA: 1 mg/m³ 8 hours. Form: Respirable particulate matter. |
|--|---|
| ethylbenzene | CA Alberta Provincial (Canada, 6/2018). 15 min OEL: 543 mg/m³ 15 minutes. 15 min OEL: 125 ppm 15 minutes. 8 hrs OEL: 434 mg/m³ 8 hours. 8 hrs OEL: 100 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2022). TWA: 20 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). TWA: 20 ppm 8 hours. CA Quebec Provincial (Canada, 6/2022). TWAEV: 20 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours. |
| propylidynetrimethanol | None. |
| Computed and puth putting for a | |
| Consult local authorities for a Recommended monitoring | Reference should be made to appropriate monitoring standards. Reference to |
| | <u> </u> |
| Recommended monitoring | Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne |
| Recommended monitoring procedures Appropriate engineering controls | Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive |
| Recommended monitoring procedures Appropriate engineering | Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |
| Recommended monitoring procedures Appropriate engineering controls Environmental exposure controls | Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |
| Recommended monitoring procedures Appropriate engineering controls Environmental exposure controls Individual protection measure | Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. S Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety |

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Section 8. Exposure controls/personal protection

| Hand protection | : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. |
|------------------------|---|
| Gloves | : butyl rubber |
| Body protection | : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. |
| Other skin protection | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Respiratory protection | : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. |

Section 9. Physical and chemical properties

| <u>Appearance</u> | | |
|--|--------------------------|--|
| Physical state | ļuid. | |
| Color | t available. | |
| Odor | aracteristic. | |
| Odor threshold | t available. | |
| рН | t applicable. | |
| Melting point | t available. | |
| Boiling point | 7.78°C (>100°F) | |
| Flash point | osed cup: 36.67°C (98°F) | |
| Auto-ignition temperature | t available. | |
| Decomposition temperature | t available. | |
| Flammability | t available. | |
| Lower and upper explosive (flammable) limits | t available. | |
| Evaporation rate | 79 (butyl acetate = 1) | |
| Vapor pressure | ↓kPa (10.2 mm Hg) | |
| Vapor density | t available. | |
| Relative density | 3 | |
| Density(lbs / gal) | .35 | |
| Selubility(ice) | edia Result | |
| Solubility(ies) | ld water Not soluble | |
| Partition coefficient: n- octanol/water | t applicable. | |

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Section 9. Physical and chemical properties

| Viscosity | : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) |
|----------------|---|
| Volatility | : 19% (v/v), 10.838% (w/w) |
| % Solid. (w/w) | : 89.162 |

Section 10. Stability and reactivity

| Reactivity | : No specific test data related to reactivity available for this product or its ingredients. |
|------------------------------------|---|
| Chemical stability | : The product is stable. |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid | : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8. |
| Incompatible materials | : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids. |
| Hazardous decomposition products | : Depending on conditions, decomposition products may include the following materials carbon oxides halogenated compounds metal oxide/oxides |

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---------------------------|---------------------------------|---------|--------------|----------|
| bis-[4-(2,3-epoxipropoxi) | LD50 Dermal | Rabbit | 23000 mg/kg | - |
| phenyl]propane | | | | |
| | LD50 Oral | Rat | 15000 mg/kg | - |
| titanium dioxide | LC50 Inhalation Dusts and mists | Rat | >6.82 mg/l | 4 hours |
| | LD50 Dermal | Rabbit | >5000 mg/kg | - |
| | LD50 Oral | Rat | >5000 mg/kg | - |
| 1-methoxy-2-propanol | LC50 Inhalation Vapor | Rat | >7000 ppm | 6 hours |
| | LD50 Dermal | Rabbit | 13 g/kg | - |
| | LD50 Oral | Rat | 5.2 g/kg | - |
| n-butyl acetate | LC50 Inhalation Vapor | Rat | >21.1 mg/l | 4 hours |
| | LC50 Inhalation Vapor | Rat | 2000 ppm | 4 hours |
| | LD50 Dermal | Rabbit | >17600 mg/kg | - |
| | LD50 Oral | Rat | 10.768 g/kg | - |
| oxirane, mono[| LD50 Oral | Rat | 17100 mg/kg | - |
| (C12-14-alkyloxy)methyl] | | | | |
| derivs. | | | | |
| xylene | LD50 Dermal | Rabbit | 1.7 g/kg | - |
| - | LD50 Oral | Rat | 4.3 g/kg | - |
| aluminium hydroxide | LC50 Inhalation Dusts and mists | Rat | >5.09 mg/l | 4 hours |
| - | LD50 Oral | Rat | >5000 mg/kg | - |
| ethylbenzene | LC50 Inhalation Vapor | Rat | 17.8 mg/l | 4 hours |
| | LD50 Dermal | Rabbit | 17.8 g/kg | - |
| | LD50 Oral | Rat | 3.5 g/kg | - |
| propylidynetrimethanol | LD50 Dermal | Rabbit | 10 g/kg | - |
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Section 11. Toxicological information

| | LD50 | Oral | | Rat | | 14000 | mg/kg - | <u> </u> |
|---|----------------|---------------|-------------|-------------------|----------|-----------|-------------------|-------------|
| Conclusion/Summary | : The | re are no o | data availa | able on the mixtu | ure itse | lf. | | |
| Irritation/Corrosion | | | | | | | | |
| Product/ingredient name | Resu | ılt | | Species | Sco | ore | Exposure | Observation |
| ቓis-[4-(2,3-epoxipropoxi) phenyl]propane | Eyes | - Mild irrita | ant | Rabbit | - | | 24 hours | - |
| | | - Redness | of the | Rabbit | 0.4 | | 24 hours | - |
| | Skin | - Edema | | Rabbit | 0.5 | | 4 hours | - |
| | | - Erythema | | Rabbit | 0.8 | | 4 hours | - |
| | | - Mild irrita | | Rabbit | - | | 4 hours | - |
| xylene | Skin | - Moderate | eirritant | Rabbit | - | | 24 hours 50 mg | 0 - |
| Conclusion/Summary | 1 | | | I | I | | | I |
| Skin | : The | ere are no o | data availa | able on the mixtu | ure itse | lf. | | |
| Eyes | : The | ere are no o | data availa | able on the mixtu | ure itse | lf. | | |
| Respiratory | : The | ere are no o | data availa | able on the mixtu | ure itse | lf. | | |
| <u>Sensitization</u> | | | | | | | | |
| Product/ingredient name | Route expos | | Species | 6 | | Result | | |
| bis-[4-(2,3-epoxipropoxi) | skin | | Mouse | | | Sensitiz | zing | |
| phenyl]propane | skin | | Cuinco | nia | | Sonaiti | zina | |
| oxirane, mono[(C12-14-alkyloxy)methyl] | SKIII | | Guinea | pig | | Sensiti | zing | |
| derivs. | | | | | | | | |
| Skin | : The | ere are no o | data availa | able on the mixtu | ure itse | lf. | | |
| Respiratory | : The | ere are no d | data availa | able on the mixtu | ure itse | lf. | | |
| Mutagenicity | | | | | | | | |
| Conclusion/Summary | : The | ere are no o | data availa | able on the mixtu | ure itse | lf. | | |
| Carcinogenicity | | | | | | | | |
| Conclusion/Summary | : The | ere are no o | data availa | able on the mixtu | ure itse | lf. | | |
| <u>Classification</u> | | | | | | | | |
| Product/ingredient name | | OSHA | IARC | NTP | | | | |
| bis-[4-(2,3-epoxipropoxi)phe | nyl] | - | 3 | - | | | | |
| propane | | | | | | | | |
| titanium dioxide | | - | 2B | - | L | | | |
| crystalline silica, respirable p | owder | - | 1 | Known to be a | a humai | n carcino | ogen. | |
| (<10 microns) | | | 3 | | | | | |
| xylene ethylbenzene | | | 3 2B | | | | | |
| | | Į | 20 | 1 | | | | |

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen OSHA: + Not listed/not regulated: -

Reproductive toxicity

Conclusion/Summary

: There are no data available on the mixture itself.

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Section 11. Toxicological information

Teratogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

| Name | Category | Route of exposure | Target organs |
|--|------------|-------------------|------------------------------|
| <mark>≸-</mark> methoxy-2-propanol | Category 3 | - | Narcotic effects |
| n-butyl acetate | Category 3 | - | Narcotic effects |
| Talc , not containing asbestiform fibres | Category 3 | - | Respiratory tract irritation |
| xylene | Category 3 | - | Respiratory tract irritation |

Specific target organ toxicity (repeated exposure)

| Name | | Route of exposure | Target organs |
|---|------------|-------------------|----------------|
| crystalline silica, respirable powder (<10 microns) | Category 1 | inhalation | - |
| ethylbenzene | Category 2 | - | hearing organs |

Target organs

: Contains material which causes damage to the following organs: liver, spleen, brain, bone marrow.

Contains material which may cause damage to the following organs: blood, kidneys, lungs, the nervous system, heart, cardiovascular system, upper respiratory tract, immune system, skin, central nervous system (CNS), eye, lens or cornea.

Aspiration hazard

| Name | Result |
|------|--|
| | ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 |

Information on the likely routes of exposure

Potential acute health effects

| Eye contact | : Causes serious eye irritation. |
|--------------|---|
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction. |
| Ingestion | : No known significant effects or critical hazards. |

Over-exposure signs/symptoms

| Eye contact | : Adverse symptoms may include the following: pain or irritation watering redness |
|-------------|--|
| Inhalation | Koverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations |

Product name K&L KEELOCK HI-SOLIDS EPOXY LEMON ICE-A

Section 11. Toxicological information

| Skin contact | : Adverse symptoms may include the following: irritation redness dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations |
|--|--|
| Ingestion | : Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations |
| Delayed and immediate effect | cts and also chronic effects from short and long term exposure |
| Conclusion/Summary | : There are no data available on the mixture itself. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8). Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause anausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. |
| <u>Short term exposure</u> Potential immediate effects | : There are no data available on the mixture itself. |
| Potential delayed effects | : There are no data available on the mixture itself. |
| Long term exposure | |
| Potential immediate effects | : There are no data available on the mixture itself. |
| Potential delayed effects | : There are no data available on the mixture itself. |
| Potential chronic health eff | ects |
| General | : Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| Carcinogenicity | : May cause cancer. Risk of cancer depends on duration and level of exposure. |
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Section 11. Toxicological information

Mutagenicity

matagementy

: No known significant effects or critical hazards.

Reproductive toxicity

: Suspected of damaging fertility or the unborn child.

Numerical measures of toxicity

Acute toxicity estimates

| Product/ingredient name | Oral (mg/ kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|--|------------------|-------------------|--------------------------------|----------------------------------|--|
| K&L KEELOCK HI-SOLIDS EPOXY LEMON ICE-A | 282264.1 | 102875.3 | N/A | 361.3 | 49.3 |
| bis-[4-(2,3-epoxipropoxi)phenyl]propane | 15000 | 23000 | N/A | N/A | N/A |
| 1-methoxy-2-propanol | 5200 | 13000 | N/A | N/A | N/A |
| n-butyl acetate | 10768 | N/A | N/A | N/A | N/A |
| oxirane, mono[(C12-14-alkyloxy)methyl] derivs. | 17100 | N/A | N/A | N/A | N/A |
| xylene | 4300 | 1700 | N/A | 11 | 1.5 |
| ethylbenzene | 3500 | 17800 | N/A | 17.8 | 1.5 |
| propylidynetrimethanol | 14000 | 10000 | N/A | N/A | N/A |

Section 12. Ecological information

<u>Toxicity</u>

| Product/ingredient name | Result | Species | Exposure |
|---|-----------------------------------|--------------------------------|----------|
| ofs-[4-(2,3-epoxipropoxi) phenyl]propane | Acute LC50 1.8 mg/l Fresh water | Daphnia - <i>daphnia magna</i> | 48 hours |
| | Chronic NOEC 0.3 mg/l | Daphnia | 21 days |
| titanium dioxide | Acute LC50 >100 mg/l Fresh water | Daphnia - <i>Daphnia magna</i> | 48 hours |
| 1-methoxy-2-propanol | Acute LC50 23300 mg/l | Daphnia | 48 hours |
| | Acute LC50 >4500 mg/l Fresh water | Fish | 96 hours |
| n-butyl acetate | Acute LC50 18 mg/l | Fish | 96 hours |
| oxirane, mono[(C12-14-alkyloxy)methyl] derivs. | LC50 >100 mg/l | Fish | 96 hours |
| ethylbenzene | Acute EC50 1.8 mg/l Fresh water | Daphnia | 48 hours |
| 5 | Chronic NOEC 1 mg/l Fresh water | Daphnia - Ceriodaphnia dubia | - |
| propylidynetrimethanol | Acute LC50 >1000 mg/l | Fish | 96 hours |

Persistence and degradability

| Product/ingredient name | Test | Result | | Dose | Inoculum |
|---|-----------------------|---------------------|------------|------|--------------------|
| n -butyl acetate | TEPA and OECD 301D | 83 % - Readily - 28 | days | - | - |
| ethylbenzene | - | 79 % - Readily - 10 | days | - | - |
| Product/ingredient name | Aquatic half-life | | Photolysis | S | Biodegradability |
| s-[4-(2,3-epoxipropoxi) phenyl]propane | - | | - | | Not readily |
| n-butyl acetate xylene | - | | - | | Readily Readily |
| ethylbenzene | - | | - | | Readily |

Bioaccumulative potential

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Section 12. Ecological information

| Product/ingredient name | LogPow | BCF | Potential | |
|----------------------------------|--------|-------------|-----------|--|
| I methoxy-2-propanol | <1 | - | Low | |
| n-butyl acetate | 2.3 | - | Low | |
| oxirane, mono[| 3.77 | - | Low | |
| (C12-14-alkyloxy)methyl] derivs. | | | | |
| xylene | 3.12 | 7.4 to 18.5 | Low | |
| ethylbenzene | 3.6 | 79.43 | Low | |
| propylidynetrimethanol | -0.47 | - | Low | |

Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Section 13. Disposal considerations

| Disposal methods | : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply |
|------------------|---|
| | with the requirements of environmental protection and waste disposal legislation |
| | and any regional local authority requirements. Dispose of surplus and non- |
| | recyclable products via a licensed waste disposal contractor. Waste should not be |
| | disposed of untreated to the sewer unless fully compliant with the requirements of |
| | all authorities with jurisdiction. Waste packaging should be recycled. Incineration or |
| | landfill should only be considered when recycling is not feasible. This material and |
| | its container must be disposed of in a safe way. Care should be taken when |
| | handling emptied containers that have not been cleaned or rinsed out. Empty |
| | containers or liners may retain some product residues. Vapor from product residues |
| | may create a highly flammable or explosive atmosphere inside the container. Do |
| | not cut, weld or grind used containers unless they have been cleaned thoroughly |
| | internally. Avoid dispersal of spilled material and runoff and contact with soil, |
| | waterways, drains and sewers. |

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

| Section 14. Transport information | | | |
|-----------------------------------|---|---|--|
| | TDG | IMDG | ATA |
| UN number | UN1263 | UN1263 | UN1263 |
| UN proper shipping name | PAINT | PAINT | PAINT |
| Transport hazard class (es) | 3 | 3 | 3 |
| Packing group | III | III | III |
| Environmental hazards | Yes. | Yes. | Yes. The environmentally hazardous substance mark is not required. |
| Marine pollutant substances | (bis-[4-(2,3-epoxipropoxi) phenyl]propane) | (bis-[4-(2,3-epoxipropoxi) phenyl]propane) | Not applicable. |
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Section 14. Transport information

Additional information : The marine pollutant mark is not required when transported by road or rail. TDG IMDG : The marine pollutant mark is not required when transported in sizes of ≤ 5 L or ≤ 5 kg. ΙΑΤΑ The environmentally hazardous substance mark may appear if required by other transportation regulations. Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. Transport in bulk according : Not applicable. to IMO instruments **Proof of classification** : Product classified as per the following sections of the Transportation of Dangerous statement Goods Regulations: 2.18-2.19 (Class 3), 2.7 (Marine pollutant mark).

Section 15. Regulatory information

National Inventory List

Canada inventory (DSL)

: All components are listed or exempted.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health: 2 * Flammability: 3 Physical hazards: 0

(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on MSDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

| National Fire Protection Ass | | | | |
|---|---|--|--|--|
| Health : 2 Flammability : 3 Instability : 0 | | | | |
| Date of issue/Date of revision | 8 September 2023 | | | |
| Organization that prepared the SDS | : EHS | | | |
| Key to abbreviations | ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations | | | |

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Section 16. Other information

Indicates information that has changed from previously issued version.

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.