

SAFETY DATA SHEET

| Section 1. Identification | | | |
|----------------------------------|--|--|--|
| Product identifier | : 1250038267 | | |
| Product name | : Imron Fleet Line EL560 HDC Binder | | |
| Other means of identification | : Not available. | | |
| Date of issue | : 8/10/2022 | | |
| Version | : 10.02 | | |
| Relevant identified uses of | of the substance or mixture and uses advised against | | |
| Identified uses | : Coating component. | | |
| Uses advised against | : Not for sale to or use by consumers. | | |
| Supplier's details | Axalta Coating Systems Australia Pty Limited 16 Darling Street, Marsden Park NSW 2765, Australia Importer: Resene Automotive & Light Industrial 4 Te Apunga Place, Mt Wellington, Auckland, New Zealand Telephone: +64 (09) 259 2738 | | |
| Product information | : +61 (0)2 8818 4300 | | |
| Emergency telephone number | : +(64) 9801 0034 NZ Poisons Information Center: 0800 764 766 or +(64) 3 479 7248 | | |

Section 2. Hazards identification

This material is classified as hazardous according to criteria in the Hazardous Substances (Hazard Classification) Notice 2020.

This material is classified as DANGEROUS GOODS according to criteria in New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.

| HSNO Classification | : FLAMMABLE LIQUIDS - Category 3 EYE IRRITATION - Category 2 SKIN SENSITISATION - Category 1 REPRODUCTIVE TOXICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2 |
|---------------------------|---|
| | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 |
| <u>GHS label elements</u> | |
| Symbol | |

Signal word

: Warning

Section 2. Hazards identification

| Hazard statements | : | Flammable liquid and vapour. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects. |
|---|---|--|
| Precautionary statements | | |
| Prevention | : | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Do not breathe vapour. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing and eye or face protection. |
| 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. |
| Other hazards which do not result in classification | : | None known. |

Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

| Ingredient name | % (w/w) | CAS number |
|---|------------|------------|
| n-butyl acetate | 10 - <30 | 123-86-4 |
| Solvent naphtha (petroleum), light arom. | 10 - <30 | 64742-95-6 |
| 1,2,4-trimethylbenzene | 3 - <5 | 95-63-6 |
| 2-(2-butoxyethoxy)ethanol | 1 - <3 | 112-34-5 |
| 2,3-epoxypropyl neodecanoate | 0.3 - <1 | 26761-45-5 |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate | 0.3 - <1 | 41556-26-7 |
| xylene | 0.1 - <0.3 | 1330-20-7 |
| methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | 0.1 - <0.3 | 82919-37-7 |
| isobutyl methacrylate | 0.1 - <0.3 | 97-86-9 |

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

Description of necessary first aid measures

| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms ma be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. | lf ay |
|-------------------------------|--|----------|
| Ingestion | Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and get medical attention immediately. Maintain an oper airway. Loosen tight clothing such as a collar, tie, belt or waistband. | , S, |
| Skin contact | Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. | |
| Eye contact | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 1 minutes. Get medical attention. | |
| Most important symptoms/ef | s, acute and delayed | |
| Potential acute health effect | | |
| Inhalation | No known significant effects or critical hazards. | |
| Ingestion | No known significant effects or critical hazards. | |
| Skin contact | May cause an allergic skin reaction. | |
| Eye contact | Causes serious eye irritation. | |
| Over-exposure signs/sympt | <u>5</u> | |
| Inhalation | Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations | |
| Ingestion | Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations | |
| Skin | Adverse symptoms may include the following: irritation redness reduced foetal weight increase in foetal deaths skeletal malformations | |

Section 4. First aid measures

| Eyes | : | Adverse symptoms may include the following: pain or irritation watering redness | | |
|------------------------------|-------------|---|--|--|
| Indication of immediate med | <u>dica</u> | l attention and special treatment needed, if necessary | | |
| Specific treatments | : | Not available. | | |
| Notes to physician | : | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. | | |
| Protection of first-aiders | : | No action shall be taken involving any personal risk or without suitable training. 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 informatio | on (S | Section 11) | | |

See toxicological information (Section 11)

Section 5. Firefighting measures

| Extinguishing media | | |
|--|---|--|
| Suitable | : | Use dry chemical, CO ₂ , water spray (fog) or foam. |
| Not suitable | : | Do not use water jet. |
| Specific hazards arising from the chemical | : | Flammable liquid and vapour. 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. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| Hazardous thermal decomposition products | : | Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides |
| Hazchem code | : | •3Y |
| Special precautions 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. |
| Remark | : | Not available. |

Section 6. Accidental release measures

| Personal precautions, protective equipment and emergency procedures | : | If specialised 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 spilt 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). Water polluting material. May be harmful to the environment if released in large quantities. |

Methods and material for containment and cleaning up

Section 6. Accidental release measures

| 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 the 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 spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

Section 7. Handling and storage

| Precautions for safe handling | Put 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 vapour or mist. Do not ingest. Avoid release to the environment. 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. |
|--|--|
| Conditions for safe storage, including any incompatibilities | 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 oxidising 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Section 8. Exposure controls/personal protection

| Ingredient name | | | Exposure limits |
|----------------------------------|------|--|---|
| n-butyl acetate | | | NZ HSWA 2015 - GRWM 2016 (New Zealand, 11/2020). WES-TWA: 150 ppm 8 hours. WES-TWA: 713 mg/m ³ 8 hours. WES-STEL: 950 mg/m ³ 15 minutes. WES-STEL: 200 ppm 15 minutes. |
| 1,2,4-trimethylbenzene | | | NZ HSWA 2015 - GRWM 2016 (New Zealand, 11/2020). WES-TWA: 25 ppm 8 hours. WES-TWA: 123 mg/m ³ 8 hours. |
| 2-(2-butoxyethoxy)ethanol | | | ACGIH TLV (United States, 1/2021). TWA: 10 ppm 8 hours. Form: Inhalable fraction and vapor |
| xylene | | | NZ HSWA 2015 - GRWM 2016 (New Zealand, 11/2020). WES-TWA: 50 ppm 8 hours. WES-TWA: 217 mg/m ³ 8 hours. |
| Appropriate engineering controls | : | ventilation or other engine contaminants below any re | entilation. Use process enclosures, local exhaust ering controls to keep worker exposure to airborne ecommended or statutory limits. The engineering controls pour or dust concentrations below any lower explosive of ventilation equipment. |
| Environmental exposure controls | : | they comply with the requi cases, fume scrubbers, fil | or work process equipment should be checked to ensure rements of environmental protection legislation. In some ters or engineering modifications to the process ary to reduce emissions to acceptable levels. |
| ndividual protection measu | ires | | |
| Hygiene measures | : | eating, smoking and using Appropriate techniques sh Contaminated work clothir | d face thoroughly after handling chemical products, before the lavatory and at the end of the working period. would be used to remove potentially contaminated clothing. Ing should not be allowed out of the workplace. Wash ore reusing. Ensure that eyewash stations and safety workstation location. |
| Respiratory protection | : | appropriate standard or ce | potential for exposure, select a respirator that meets the ertification. Respirators must be used according to a gram to ensure proper fitting, training, and other important |
| Hand protection | : | be worn at all times when this is necessary. Conside check during use that the should be noted that the ti different for different glove | vious gloves complying with an approved standard should handling chemical products if a risk assessment indicates ering the parameters specified by the glove manufacturer, gloves are still retaining their protective properties. It me to breakthrough for any glove material may be e manufacturers. In the case of mixtures, consisting of rotection time of the gloves cannot be accurately |
| Eye protection | : | assessment indicates this gases or dusts. If contact | with an approved standard should be used when a risk is necessary to avoid exposure to liquid splashes, mists, is possible, the following protection should be worn, dicates a higher degree of protection: chemical splash |

Section 8. Exposure controls/personal protection

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.

Section 9. Physical and chemical properties

| <u>Appearance</u> | | |
|--|--------------------------|---|
| Physical state | quid. | |
| Colour | ilky. | |
| Odour | ot available. | |
| Odour threshold | ot available. | |
| рН | ot applicable. | |
| Melting point | ot applicable. | |
| Boiling point | 25 to 200°C (| 257 to 392°F) |
| Flash point | losed cup: 43 | 3°C (109.4°F) |
| Fire point | ot available. | |
| Evaporation rate | ot available. | |
| Flammability (solid, gas) | ot available. | |
| Lower and upper explosive (flammable) limits | ower: 0.7% pper: 7.5% | |
| Vapour pressure | .36 kPa (2.7 r | mm Hg) |
| Vapour density | ot available. | |
| Density | 019 g/cm ³ | |
| Solubility | artially solubl | e in the following materials: cold water. |
| Partition coefficient: n- octanol/water | ot applicable. | |
| Auto-ignition temperature | 10°C (410°F) | |
| Decomposition temperature | ot applicable. | |
| SADT | ot available. | |
| SAPT | ot available. | |
| Viscosity | | 7 mPa·s (>697 cP) 34 mm²/s (>684 cSt) |
| Flow time (ISO 2431) | ot available. | |

Section 10. Stability and reactivity

| 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 | : | Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| Incompatible materials | : | Reactive or incompatible with the following materials: oxidising materials |

Section 10. Stability and reactivity

Hazardous decomposition
products: Under normal conditions of storage and use, hazardous decomposition products

Section 11. Toxicological information

| Information on likely routes o | <u>f exposure</u> |
|--|--|
| Inhalation | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |
| Skin contact | : May cause an allergic skin reaction. |
| Eye contact | : Causes serious eye irritation. |
| Symptoms related to the physical sector of the sector of t | sical, chemical and toxicological characteristics |
| Inhalation | : Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations |
| Ingestion | : Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations |
| Skin contact | : Adverse symptoms may include the following: irritation redness reduced foetal weight increase in foetal deaths skeletal malformations |
| Eye contact | : Adverse symptoms may include the following: pain or irritation watering redness |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|--|------------------------|---------|-------------------------|----------|
| n-butyl acetate | LC50 Inhalation Vapour | Rat | 21.1 mg/l | 4 hours |
| - | LD50 Dermal | Rabbit | >17600 mg/kg | - |
| | LD50 Oral | Rat | 10768 mg/kg | - |
| Solvent naphtha (petroleum), light arom. | LD50 Dermal | Rabbit | 3492 mg/kg | - |
| 0 | LD50 Oral | Rat | 8400 mg/kg | - |
| 1,2,4-trimethylbenzene | LC50 Inhalation Vapour | Rat | 18000 mg/m ³ | 4 hours |
| • | LD50 Oral | Rat | 5 g/kg | - |
| 2-(2-butoxyethoxy)ethanol | LD50 Dermal | Rabbit | 2700 mg/kg | - |
| | LD50 Oral | Rat | 4500 mg/kg | - |
| 2,3-epoxypropyl neodecanoate | LD50 Oral | Rat | >10 g/kg | - |
| xylene | LC50 Inhalation Gas. | Rat | 5000 ppm | 4 hours |
| - | LD50 Oral | Rat | 4300 mg/kg | - |

Conclusion/Summary : Not available.

Section 11. Toxicological information

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation | |
|------------------------------------|---|-------------------|----------|----------------|-------------|--|
| 2-(2-butoxyethoxy)ethanol | Eyes - Moderate irritant | Rabbit | - | 24 hours 20 | - | |
| | Even Sovere irritent | Rabbit | | mg | | |
| xylene | Eyes - Severe irritant Eyes - Mild irritant | Rabbit | _ | 20 mg 87 mg | - | |
| Xylene | Eyes - Severe irritant | Rabbit | _ | 24 hours 5 | - | |
| | | | | mg | | |
| | Skin - Mild irritant | Rat | - | 8 hours 60 uL | - | |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 500 | - | |
| | Skin - Moderate irritant | Rabbit | - | mg 100 % | - | |
| Skin | : Not available. | | | | | |
| Eyes | : Not available. | | | | | |
| Respiratory | : Not available. | | | | | |
| <u>Sensitisation</u> | | | | | | |
| Not available. | | | | | | |
| Skin | : Not available. | | | | | |
| Respiratory | : Not available. | | | | | |
| Potential chronic health ef | fects | | | | | |
| General | : May cause damage to o sensitized, a severe allo low levels. | | | | | |
| Inhalation | : No known significant ef | fects or critical | hazards. | | | |
| Ingestion | : No known significant ef | fects or critical | hazards. | | | |
| Skin contact | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. | | | | | |
| Eye contact | : No known significant ef | fects or critical | hazards. | | | |
| Carcinogenicity | : No known significant ef | fects or critical | hazards. | | | |
| Mutagenicity | : No known significant ef | fects or critical | hazards. | | | |
| Teratogenicity | : Suspected of damaging | g the unborn ch | nild. | | | |
| Developmental effects | : No known significant ef | fects or critical | hazards. | | | |
| Fertility effects | : Suspected of damaging | | | | | |
| Chronic toxicity | | , , | | | | |
| Not available. | | | | | | |
| Conclusion/Summary | : Not available. | | | | | |
| - | . NOL available. | | | | | |
| Carcinogenicity | | | | | | |
| Not available. | | | | | | |
| 0 | : Not available. | | | | | |
| Conclusion/Summary | . NOL available. | | | | | |
| Conclusion/Summary Mutagenicity | . NOT available. | | | | | |

| Conclusion/Summary : Not available. Teratogenicity Not available. Solvent naphtha (petroleum), light arom. Name Category 2 Category 2 Category 2 Category 2 Category 2 Category 2 Category 2 Route of exposure Target organ 1,2,4-trimethylbenzene 2-(2-butoxyethoxy)ethanol xylene Category 2 Category 2 - - Aspiration hazard Category 2 - - Name Category 2 - - Solvent naphtha (petroleum), light arom. Acute toxicity estimates ATE value Route ATE value - Inhalation (vapours) 57.15 mg/l | Section 11. Toxicological in | oformation | | |
|---|--|------------|---------|---------------|
| Reproductive toxicity Not available. Conclusion/Summary : Not available. Specific target organ toxicity Name Category Route of exposure 1,2,4-trimethylbenzene Category 2 - 2-(2-butoxyethoxy)ethanol xylene Category 2 - - Aspiration hazard Category 2 - - Aspiration hazard Solvent naphtha (petroleum), light arom. Vumerical measures of toxicity Acute toxicity estimates ATE value ATE value | Teratogenicity | е. | | |
| Specific target organ toxicity Route of exposure Target organ Name Category Route of exposure Target organ 1,2,4-trimethylbenzene Category 2 - - 2-(2-butoxyethoxy)ethanol Category 2 - - Xylene Category 2 - - Aspiration hazard - - - Name Solvent naphtha (petroleum), light arom. Vumerical measures of toxicity Acute toxicity estimates Route ATE value ATE value | Reproductive toxicity | e. | | |
| Name Category Route of exposure Target organ 1,2,4-trimethylbenzene Category 2 - - 2-(2-butoxyethoxy)ethanol Category 2 - - xylene Category 2 - - Aspiration hazard - - - Name Solvent naphtha (petroleum), light arom. Vumerical measures of toxicity Acute toxicity estimates Route ATE value ATE value | Conclusion/Summary : Not availab | e. | | |
| exposure exposure 1,2,4-trimethylbenzene - 2-(2-butoxyethoxy)ethanol - 2-(2-butoxyethoxy)ethanol - xylene - Aspiration hazard Name Solvent naphtha (petroleum), light arom. Numerical measures of toxicity Acute toxicity estimates Route | Specific target organ toxicity | | | |
| 2-(2-butoxyethoxy)ethanol Category 2 - - xylene - - - Aspiration hazard - - - Name - - - Solvent naphtha (petroleum), light arom. - - - Numerical measures of toxicity - - - Acute toxicity estimates - - - Route ATE value - - | Name | Category | | Target organs |
| xylene Category 2 - - Aspiration hazard - - - Name Solvent naphtha (petroleum), light arom. - - Numerical measures of toxicity - - - Acute toxicity estimates ATE value - | | | - | - |
| Aspiration hazard Name Solvent naphtha (petroleum), light arom. Numerical measures of toxicity Acute toxicity estimates Route ATE value | | | - | - |
| Name Solvent naphtha (petroleum), light arom. Numerical measures of toxicity Acute toxicity estimates Route ATE value | xylene | Category 2 | - | - |
| Solvent naphtha (petroleum), light arom. Numerical measures of toxicity Acute toxicity estimates Route ATE value | Aspiration hazard | | | |
| Numerical measures of toxicity Acute toxicity estimates Route ATE value | Name | | | |
| Acute toxicity estimates Route ATE value | Solvent naphtha (petroleum), light arom. | | | |
| Route ATE value | Numerical measures of toxicity | | | |
| | Acute toxicity estimates | | | |
| Inhalation (vapours) 57.15 mg/l | Route | AT | E value | |
| | Inhalation (vapours) | 57. | 15 mg/l | |

Other information

: Not available.

Section 12. Ecological information

Ecotoxicity

: This material is harmful to aquatic life with long lasting effects.

Aquatic and terrestrial toxicity

| Product/ingredient name | Result | Species | Exposure |
|---------------------------|-------------------------------------|--|----------|
| n-butyl acetate | Acute LC50 185000 µg/l Marine water | Fish - Menidia beryllina | 96 hours |
| 1,2,4-trimethylbenzene | Acute LC50 4910 µg/l Marine water | Crustaceans - Elasmopus pectenicrus - Adult | 48 hours |
| | Acute LC50 7720 µg/l Fresh water | Fish - Pimephales promelas | 96 hours |
| 2-(2-butoxyethoxy)ethanol | Acute LC50 1300000 µg/l Fresh water | Fish - Lepomis macrochirus | 96 hours |
| xylene | EC50 3.82 mg/l | Crustaceans - Penaeus monodon | 48 hours |
| | Acute LC50 13400 µg/l Fresh water | Fish - Pimephales promelas | 96 hours |

Conclusion/Summary

: Not available.

Persistence/degradability

| Product/ingredient name | Test | Result | Dose | Inoculum |
|-------------------------|------------|----------------|------|----------|
| xylene | OECD 301 F | 90 % - 28 days | - | - |

Conclusion/Summary

: Not available.

Section 12. Ecological information

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| xylene | - | - | Readily |

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential | |
|------------------------------|--------|-------------|-----------|--|
| n-butyl acetate | 2.3 | - | low | |
| Solvent naphtha (petroleum), | - | 10 to 2500 | high | |
| light arom. | | | | |
| 1,2,4-trimethylbenzene | 3.63 | 243 | low | |
| 2-(2-butoxyethoxy)ethanol | 1 | - | low | |
| 2,3-epoxypropyl | 4.4 | - | high | |
| neodecanoate | | | | |
| xylene | 3.12 | 8.1 to 25.9 | low | |
| isobutyl methacrylate | 2.95 | - | low | |

Mobility in soil

| <u></u> | |
|--|---|
| Soil/water partition coefficient (Koc) | : Not available. |
| Mobility | : Not available. |
| Other adverse effects | : No known significant effects or critical hazards. |

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimised 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 nonrecyclable 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. Vapour 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 spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

| | New Zealand Class (5433) | IMDG | IATA |
|----------------------------|--------------------------|--------|--------|
| UN number | UN1263 | UN1263 | UN1263 |
| UN proper shipping name | PAINT | PAINT | PAINT |
| | | | |
| | | | |

| Section 14. T | ransp | 0 | rt information | | | |
|---|---------|---|----------------------|------|---------------------|--|
| Transport hazard class(es) | 3 | • | 3 | | | 3 |
| Packing group | | | | | | |
| Environmental hazards | No. | | No. | | | No. |
| <u>Additional informati</u> New Zealand Hazchem code Special precautions | | : | | that | persons transportir | ort in closed containers that are ng the product know what to do ir |
| Transport in bulk ac to IMO instruments | cording | : | Not available. | | | |
| | | | Proper shipping name | : | Not available. | |
| | | | Ship type | : | Not available. | |
| | | | Pollution category | : | | |

I he actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

Section 15. Regulatory information

| HSNO Approval Number | : HSR002662 |
|----------------------|--|
| HSNO Group Standard | : Surface Coatings and Colourants (Flammable) Group Standard 2020 |
| HSNO Classification | : FLAMMABLE LIQUIDS - Category 3 EYE IRRITATION - Category 2 SKIN SENSITISATION - Category 1 REPRODUCTIVE TOXICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 |

Section 16. Other information

| <u>History</u> | |
|-----------------|--|
| Date of issue : | 8/10/2022 |
| Version : | 10.02 |
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Section 16. Other information

| Key to abbreviations | : ACGIH = Association Advancing Occupational and Environmental Health |
|----------------------|---|
| | ATE = Acute Toxicity Estimate |
| | BCF = Bioconcentration Factor |
| | GHS = Globally Harmonized System of Classification and Labelling of Chemicals |
| | HSWA = Health and Safety at Work Act 2015 |
| | IATA = International Air Transport Association |
| | IBC = Intermediate Bulk Container |
| | IMDG = 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) |
| | TLV = Threshold Limit Value |
| | WES = Workplace Exposure Standards |

Indicates information that has changed from previously issued version.

Notice to reader

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