



SAFETY DATA SHEET

Section 1 - Identification

| | | |
|--|---|--|
| Product identifier | STEEL-IT 4907B Epoxy Topcoat, Part B | |
| Other means of identification | | |
| Product code | FGPA4907B-P (pint), FGPA4907B-Q (quart), FGPA4907B-G (gallon), FGPA4907B-5G (5-gallon pail) | |
| SDS No. | SDS-4907B | |
| Recommended use of the chemical and restrictions on use | | |
| Recommended use | Paint / Industrial coating (topcoat). Category: Pigmented metallic coating. | |
| Restrictions on use | Uses other than the recommended use. | |
| Details of manufacturer or importer | | |
| Manufacturer | Stainless Steel Coatings, Inc. | |
| Address | 835 Sterling Road Lancaster MA 01523-2915, USA | |
| Telephone | +1-978-365-9828 | |
| E-mail | sds@STEEL-IT.com | |
| Distributor | Private Parts Engineering | |
| Address | 7 McIntyre Way Bomaderry NSW 2541 Australia | |
| Telephone | 61-2-4422-5722 | |
| E-mail | sales@ppeng.com.au | |
| Website | www.steel-itaustralia.com.au | |
| Emergency telephone | CHEMTREC: +61 2 9037 2994 (Australia) 1800 862 115 (Toll Free) +1-703-527-3887 (International) | |

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

| | | |
|------------------------------|--|--|
| Physical hazards | Flammable liquids | Category 3 |
| Health hazards | Acute toxicity, dermal | Category 5 |
| | Acute toxicity, inhalation | Category 4 |
| | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2A |
| | Sensitization, skin | Category 1 |
| | Carcinogenicity | Category 2 |
| | Reproductive toxicity (inhalation) | Category 2 |
| | Specific target organ toxicity following single exposure | Category 3 respiratory tract irritation |
| | Specific target organ toxicity following single exposure | Category 3 narcotic effects |
| | Specific target organ toxicity following repeated exposure | Category 2 (central nervous system, kidneys, liver, respiratory tract) |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 2 |

Hazardous to the aquatic environment,
long-term hazard

Category 2

Label elements, including precautionary statements

Hazard symbol(s)



Signal word

Danger

Hazard statement(s)

Flammable liquid and vapour. May be harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer. Suspected of damaging fertility or the unborn child by inhalation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs (central nervous system, kidneys, liver, respiratory tract) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe mist/vapours/spray. Avoid release to the environment. Wear protective gloves/eye protection/face protection.

Response

IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide to extinguish. Collect spillage.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental information

None.

Other hazards which do not result in classification

None known.

Section 3 - Composition and information on ingredients

Mixture

| Identity of chemical ingredients | CAS number and other unique identifiers | Concentration of ingredients |
|---|---|------------------------------|
| Phenol, 4-(1,1-dimethylethyl)-, polymer with (chloromethyl)oxirane and 4,4'-(1-methylethylidene)bis[phenol] | 67924-34-9 | 40 - 50 |
| Xylene | 1330-20-7 | 15 - 25 |
| 2-Butoxyethanol | 111-76-2 | 5 - 15 |
| Benzene, 1-chloro-4-(trifluoromethyl)- | 98-56-6 | 5 - 15 |
| Chromium | 7440-47-3 | 1 - 5 |
| Nickel | 7440-02-0 | 1 - 5 |
| Ethylbenzene | 100-41-4 | < 2 |

Composition comments

All concentrations are in percent by weight unless otherwise indicated. Components not listed are either non-hazardous or are below reportable limits.

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. Oxygen or artificial respiration if needed. Call a poison centre or doctor/physician if you feel unwell.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur.

| | |
|---|--|
| Personal protection for first-aid responders | Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. |
| Symptoms caused by exposure | May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects. |
| Medical attention and special treatment | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |

Section 5 - Firefighting measures

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| Extinguishing media | |
| Suitable extinguishing equipment | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing equipment | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed such as: Carbon oxides. Aldehydes. Fumes of metal oxides. Halogenated compounds. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply. |
| Hazchem code | •3Y |
| General fire hazards | Flammable liquid and vapour. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |

Section 6 - Accidental release measures

| | |
|--|---|
| Personal precautions, protective equipment and emergency procedures | |
| For non-emergency personnel | Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapours/spray. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. |
| For emergency responders | Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not breathe mist/vapours/spray. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| Environmental precautions | Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. |
| Methods and materials for containment and cleaning up | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent entry into waterways, sewer, basements or confined areas. Prevent product from entering drains. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Retain and dispose of contaminated wash water. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. Put material in suitable, covered, labelled containers. For waste disposal, see section 13 of the SDS. |

Section 7 - Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment.

Do not breathe mist/vapours/spray. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Persons susceptible to allergic reactions should not handle this product. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see section 10 of the SDS).

Section 8 - Exposure controls and personal protection

Control parameters

Follow standard monitoring procedures.

Occupational exposure limits

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

| Components | Type | Value |
|--------------------------------|------|------------------------|
| 2-Butoxyethanol (CAS 111-76-2) | STEL | 242 mg/m ³ |
| | | 50 ppm |
| | TWA | 96.9 mg/m ³ |
| | | 20 ppm |
| Chromium (CAS 7440-47-3) | TWA | 0.5 mg/m ³ |
| Ethylbenzene (CAS 100-41-4) | STEL | 543 mg/m ³ |
| | | 125 ppm |
| | TWA | 434 mg/m ³ |
| | | 100 ppm |
| Nickel (CAS 7440-02-0) | TWA | 0.1 mg/m ³ |
| Xylene (CAS 1330-20-7) | STEL | 655 mg/m ³ |
| | | 150 ppm |
| | TWA | 350 mg/m ³ |
| | | 80 ppm |

US. ACGIH Threshold Limit Values (TLV)

| Components | Type | Value | Form |
|--------------------------------|------|-----------------------|---------------------|
| 2-Butoxyethanol (CAS 111-76-2) | TWA | 20 ppm | |
| Chromium (CAS 7440-47-3) | TWA | 0.5 mg/m ³ | Inhalable fraction. |
| Ethylbenzene (CAS 100-41-4) | TWA | 20 ppm | |
| Nickel (CAS 7440-02-0) | TWA | 1.5 mg/m ³ | Inhalable fraction. |
| Xylene (CAS 1330-20-7) | TWA | 20 ppm | |

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

| Components | Type | Value |
|--------------------------------|------|-----------------------|
| 2-Butoxyethanol (CAS 111-76-2) | STEL | 246 mg/m ³ |
| | | 50 ppm |
| | TWA | 123 mg/m ³ |

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

| Components | Type | Value |
|-----------------------------|------|-----------------------|
| | | 25 ppm |
| Chromium (CAS 7440-47-3) | TWA | 0.5 mg/m ³ |
| Ethylbenzene (CAS 100-41-4) | STEL | 552 mg/m ³ |
| | | 125 ppm |
| | TWA | 441 mg/m ³ |
| | | 100 ppm |
| Nickel (CAS 7440-02-0) | TWA | 0.5 mg/m ³ |
| Xylene (CAS 1330-20-7) | STEL | 441 mg/m ³ |
| | | 100 ppm |
| | TWA | 220 mg/m ³ |
| | | 50 ppm |

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

| Components | Type | Value |
|--------------------------------|------|-----------------------|
| 2-Butoxyethanol (CAS 111-76-2) | TWA | 49 mg/m ³ |
| | | 10 ppm |
| Ethylbenzene (CAS 100-41-4) | TWA | 88 mg/m ³ |
| | | 20 ppm |
| Xylene (CAS 1330-20-7) | TWA | 220 mg/m ³ |
| | | 50 ppm |

Biological limit values

Germany. TRGS 903, BAT List (Biological Limit Values)

| Components | Value | Determinant | Specimen | Sampling Time |
|--------------------------------|-----------|---|---------------------|---------------|
| 2-Butoxyethanol (CAS 111-76-2) | 150 mg/g | Butoxyessigsäure (nach Hydrolyse) | Creatinine in urine | * |
| Ethylbenzene (CAS 100-41-4) | 250 mg/g | Mandelsäure plus Phenylglyoxylsäure | Creatinine in urine | * |
| Xylene (CAS 1330-20-7) | 2000 mg/l | Methylhippur-(Tolur-)säure (alle Isomere) | Urine | * |

* - For sampling details, please see the source document.

ACGIH Biological Exposure Indices (BEI)

| Components | Value | Determinant | Specimen | Sampling Time |
|--------------------------------|----------|---|---------------------|---------------|
| 2-Butoxyethanol (CAS 111-76-2) | 200 mg/g | Butoxyacetic acid (BAA), with hydrolysis | Creatinine in urine | * |
| Chromium (CAS 7440-47-3) | 0.7 µg/l | Total chromium | Urine | * |
| Ethylbenzene (CAS 100-41-4) | 0.15 g/g | Sum of mandelic acid and phenylglyoxylic acid | Creatinine in urine | * |
| Nickel (CAS 7440-02-0) | 5 µg/l | Nickel | Urine | * |
| Xylene (CAS 1330-20-7) | 1.5 g/g | Methylhippuric acids | Creatinine in urine | * |

* - For sampling details, please see the source document.

| | |
|--|---|
| Control banding | Follow standard monitoring procedures. |
| Engineering controls | Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. Provide easy access to water supply and eye wash facilities. |
| Individual protection measures, such as personal protective equipment (PPE) | |
| Eye/face protection | When working with liquids wear splash-proof chemical goggles and face shield unless full facepiece respiratory protection is worn. |
| Skin protection | |
| Hand protection | Wear appropriate chemical resistant gloves. Glove material: Nitrile. Use gloves with breakthrough time of 136 +/- 3 (Part A + Part B) minutes. Minimum glove thickness 0.381 (15 mil) mm. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. |
| Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Chemical respirator with organic vapour cartridge and full facepiece. Respiratory protection should meet Australian/New Zealand Standards AS/NZS 1716 and AS/NZS 1715. Check with respiratory protective equipment suppliers. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| Hygiene measures | Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |

Section 9 - Physical and chemical properties

| | |
|---|--|
| Physical state | Liquid. |
| Form | Liquid. |
| Colour | Grey. |
| Odour | Characteristic of solvents. |
| Odour threshold | Property has not been measured. |
| pH | Not applicable (material is insoluble in water). |
| Melting point/freezing point | Technically not possible to determine. |
| Boiling point and boiling range | 137 - 171 °C (278.6 - 339.8 °F) |
| Flash point | 25 °C (77 °F) |
| Evaporation rate | Property has not been measured. |
| Upper/lower explosive limits | |
| Explosion limit - lower (%) | 0.9 % (oxsol) |
| Explosion limit - upper (%) | 7 % (xylene) |
| Vapour pressure | 60 mmHg (20 °C (68 °F)) |
| Vapour density | > 1 (Air=1) (25 °C (77 °F)) |
| Relative density | 1.224 (Water=1) (25 °C (77 °F)) |
| Solubility | |
| Solubility (water) | (< 0.1%) Insoluble in water. |
| Flammability (solid, gas) | Not applicable. |
| Partition coefficient: n-octanol/water | Not applicable, product is a mixture. |
| Auto-ignition temperature | > 500 °C (> 932 °F) |
| Decomposition temperature | 387.6 °C (729.7 °F) |
| Viscosity | Property has not been measured. |
| Particle characteristics | |
| Particle size | Does not contain nanomaterials. |

Data relevant with regard to physical hazard classes No relevant additional information available.

Other physical and chemical parameters

Density 1.224 g/cm³ (25 °C (77 °F))
Explosive properties Not explosive.
Flammability Flammable liquid and vapour.
Kinematic viscosity 1300 mm²/s (25 °C (77 °F))
Oxidising properties Not oxidising.
Particle size Does not contain nanomaterials.
VOC 541.1 g/l (AU/NZ VOC)
453.64 g/l (US VOC)
4.52 lb/gal (AU/NZ VOC)
3.79 lb/gal (US VOC)
Weighted solids 55.5 % w/w Total weight solids (Part A + Part B)
48.18 % v/v Total volume solids (Part A + Part B)

Section 10 - Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability Material is stable under normal conditions.
Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.
Conditions to avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Protect against direct sunlight. Contact with incompatible materials.
Incompatible materials Strong acids. Strong oxidising agents. Strong reducing agents. Halogens.
Hazardous decomposition products Thermal decomposition of this product can generate carbon monoxide and carbon dioxide. Aldehydes. Fumes of metal oxides. Halogenated compounds.

Section 11 - Toxicological information

Information on possible routes of exposure

Inhalation Harmful if inhaled. May cause drowsiness or dizziness. May cause respiratory irritation. Suspected of causing cancer by inhalation.
Skin contact Causes skin irritation. May cause an allergic skin reaction. May be harmful in contact with skin. May be absorbed through the skin.
2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.
Eye contact Causes serious eye irritation.
Ingestion May cause discomfort if swallowed.

Early onset symptoms related to exposure May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Delayed health effects from exposure Prolonged exposure may cause chronic effects.

Acute toxicity Harmful if inhaled. May be harmful in contact with skin.

| Components | Species | Test Results |
|-----------------------------|---------|--------------------|
| Ethylbenzene (CAS 100-41-4) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 15400 mg/kg |
| Inhalation | | |
| LC50 | Rat | 17.4 mg/l, 4 hours |

| Components | Species | Test Results |
|---|--|--|
| Oral LD50 | Rat | 3500 - 4700 mg/kg |
| Xylene (CAS 1330-20-7) | | |
| Acute Oral LD50 | Rat | 3523 mg/kg |
| Skin corrosion/irritation | Causes skin irritation. | |
| Serious eye damage/irritation | Causes serious eye irritation. | |
| Respiratory or skin sensitisation | | |
| Respiratory sensitisation | Not a respiratory sensitiser. | |
| Skin sensitisation | May cause an allergic skin reaction. | |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| Carcinogenicity | Suspected of causing cancer. | |
| ACGIH Carcinogens | | |
| 2-Butoxyethanol (CAS 111-76-2) | | A3 Confirmed animal carcinogen with unknown relevance to humans. |
| Ethylbenzene (CAS 100-41-4) | | A3 Confirmed animal carcinogen with unknown relevance to humans. |
| Nickel (CAS 7440-02-0) | | A5 Not suspected as a human carcinogen. |
| Xylene (CAS 1330-20-7) | | A4 Not classifiable as a human carcinogen. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | |
| 2-Butoxyethanol (CAS 111-76-2) | | 3 Not classifiable as to carcinogenicity to humans. |
| Benzene, 1-chloro-4-(trifluoromethyl)- (CAS 98-56-6) | | 2B Possibly carcinogenic to humans. |
| Chromium (CAS 7440-47-3) | | 3 Not classifiable as to carcinogenicity to humans. |
| Ethylbenzene (CAS 100-41-4) | | 2B Possibly carcinogenic to humans. |
| Nickel (CAS 7440-02-0) | | 2B Possibly carcinogenic to humans. |
| Xylene (CAS 1330-20-7) | | 3 Not classifiable as to carcinogenicity to humans. |
| Reproductive toxicity | Suspected of damaging fertility or the unborn child by inhalation. | |
| Specific target organ toxicity - single exposure | May cause respiratory irritation. May cause drowsiness or dizziness. | |
| Specific target organ toxicity - repeated exposure | May cause damage to organs (central nervous system, kidneys, liver, respiratory tract) through prolonged or repeated exposure. | |
| Aspiration hazard | Not an aspiration hazard. | |
| Chronic effects | Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects. | |
| Other information | Symptoms may be delayed. | |

Section 12 - Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

| Components | Species | Test Results |
|--------------------------------|---------|--|
| 2-Butoxyethanol (CAS 111-76-2) | | |
| Aquatic | | |
| Algae | NOEC | Pseudokirchnerella subcapitata 286 mg/l, 72 hours |
| Crustacea | EC50 | Daphnia magna 835 mg/l, 48 hours |
| Acute | | |
| Fish | LC50 | Oncorhynchus mykiss 1474 mg/l, 96 Hours |
| Ethylbenzene (CAS 100-41-4) | | |
| Aquatic | | |
| Acute | | |
| Crustacea | EC50 | Water flea (Daphnia magna) 1.81 - 2.38 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout, donaldson trout (Oncorhynchus mykiss) 4.2 mg/l, 96 hours |

| Components | Species | Test Results | |
|------------------------|---|--|-----------------------------------|
| Nickel (CAS 7440-02-0) | <i>Chronic</i> Crustacea | EC50 Ceriodaphnia dubia | 3.6 mg/l, 7 days |
| | Aquatic <i>Acute</i> Crustacea | EC50 Water flea (Daphnia magna) | 1 mg/l, 48 hours |
| Xylene (CAS 1330-20-7) | | LC50 Calanoid copepod (Eurytemora affinis) | >= 7.35 - <= 12.12 mg/l, 96 hours |
| | Aquatic Fish | LC50 Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 2.6 mg/l, 96 hours |

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow) Not applicable, product is a mixture.

2-Butoxyethanol (CAS 111-76-2) 0.83

Benzene, 1-chloro-4-(trifluoromethyl)- (CAS 98-56-6) 3.6

Ethylbenzene (CAS 100-41-4) 3.15

Mobility in soil The product is insoluble in water. Not expected to be mobile in soil.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential.

Section 13 - Disposal considerations

Disposal methods Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Residual waste Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section 14 - Transport information

ADG

UN number 1263

UN proper shipping name Paint

Transport hazard class(es)

Class 3

Subsidiary risk -

Packing group III

Environmental hazards Yes

Hazchem code •3Y

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

RID

UN number 1263

UN proper shipping name Paint

Transport hazard class(es)

Class 3

Subsidiary risk -

Label(s) 3

Packing group III

Environmental hazards Yes

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number 1263

UN proper shipping name Paint
Transport hazard class(es)
Class 3
Subsidiary risk -
Label(s) 3
Packing group III
Environmental hazards Yes
ERG Code 3L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number 1263
UN proper shipping name PAINT
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group III
Environmental hazards
Marine pollutant Yes
EmS F-E, S-E
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

Section 15 - Regulatory information

Safety, health and environmental regulations

National regulations This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals.

Australia Medicines & Poisons Appendix E

2-Butoxyethanol (CAS 111-76-2)
 Xylene (CAS 1330-20-7)

Australia Medicines & Poisons Appendix F

2-Butoxyethanol (CAS 111-76-2)
 Xylene (CAS 1330-20-7)

Australia Medicines & Poisons Appendix I

2-Butoxyethanol (CAS 111-76-2)
 Xylene (CAS 1330-20-7)

Australia Medicines & Poisons Schedule 5

Xylene (CAS 1330-20-7)

Australia Medicines & Poisons Schedule 6

2-Butoxyethanol (CAS 111-76-2)
 Xylene (CAS 1330-20-7)

Australia National Pollutant Inventory (NPI): Threshold quantity

| | |
|-----------------------------|------------------------------------|
| Chromium (CAS 7440-47-3) | 10 tonnes/yr Threshold Category: 1 |
| Ethylbenzene (CAS 100-41-4) | 10 tonnes/yr Threshold Category: 1 |
| Nickel (CAS 7440-02-0) | 10 tonnes/yr Threshold Category: 1 |
| Xylene (CAS 1330-20-7) | 10 tonnes/yr Threshold Category: 1 |

High Volume Industrial Chemicals (HVIC)

| | |
|--------------------------------|---|
| 2-Butoxyethanol (CAS 111-76-2) | 1000 - 9999 TONNES See the regulation for additional information. |
| Chromium (CAS 7440-47-3) | 1000 - 9999 TONNES See the regulation for additional information. |
| Nickel (CAS 7440-02-0) | 1000 - 9999 TONNES See the regulation for additional information. |
| Xylene (CAS 1330-20-7) | 10000 - 99999 TONNES See the regulation for additional information. |

Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10, as amended)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Chromium (CAS 7440-47-3)

2000 tonnes/yr Threshold Category: 2B

Nickel (CAS 7440-02-0)

2000 tonnes/yr Threshold Category: 2B

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

International regulations**Stockholm Convention**

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

2-Butoxyethanol (CAS 111-76-2)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Industrial Chemicals (AICIS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| Taiwan | Taiwan Chemical Substance Inventory (TCSI) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 - Any other relevant information**Issue date** 01-December-2023**Revision date** -**Disclaimer**

Stainless Steel Coatings, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.