

Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 1- 9

1. Identification of the substance/mixture and of the company/undertaking

| | |
|--|--|
| Product name | 1K E-Coat Repair Primer Olive Aerosol |
| Product code | ERP-02 |
| Intended use of the substance/preparation | Coating for professional use |
| Supplier | Axalta Coating Systems Australia Pty Limited |
| Street address | 15 - 23 Melbourne Road, Riverstone NSW 2765, Australia |
| Telephone | |
| Telefax | |
| Emergency Information | |
| Emergency telephone number | +(64) 9801 0034 NZ Poisons Information Centre: 0800 764 766 or +(64) 3 479 7248 |
| Importer | Resene Automotive & Light Industrial |
| Street/Box | 4 Te Apunga Place, Mt Wellington, Auckland, NZ |
| Nat.-Code/Postal code/City | |
| Telephone | +64 (09) 259 2738 |
| Date of preparation | 2018-08-16 |

2. Hazards identification

Classified as a Dangerous Good according to NZS 5433

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001

HSNO Classification

| | |
|--|-------------------------------|
| Flammable aerosols | Category 2.1.2A |
| Serious eye damage/eye irritation | Category 8.3A |
| Skin sensitisation | Category 6.5B |
| Toxicity for reproduction | Category 6.8B |
| Target Organ Systemic Toxicant - Single exposure | class 6.9B (narcotic effects) |

GHS-Labeling

Hazard symbols



Signal word: Danger

Hazard statements

Extremely flammable aerosol.
Pressurized container: May burst if heated.
May cause an allergic skin reaction.
Causes serious eye damage.
May cause drowsiness or dizziness.
Suspected of damaging fertility or the unborn child.

Precautionary statements

Obtain special instructions before use.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

SAFETY DATA SHEET



Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 2- 9

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER/doctor.

If skin irritation or rash occurs: Get medical advice/ attention.

Wash contaminated clothing before reuse.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Other hazards which do not result in classification

Contains epoxy constituents. See information supplied by the manufacturer. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

3. Composition/information on ingredients

Pure substance/mixture

Mixture

Hazardous components

| CAS-No. | Chemical name | Concentration | GHS Hazardous |
|------------|---|---------------|---------------|
| 115-10-6 | dimethyl ether | 40 - 50% | ✓ |
| 67-64-1 | acetone | 10 - 20% | ✓ |
| 7727-43-7 | barium sulphate, natural | 5 - 10% | |
| 123-86-4 | n-butyl acetate | 5 - 10% | ✓ |
| 71-36-3 | n-butanol | 5 - 10% | ✓ |
| 71-23-8 | propan-1-ol | 5 - 10% | ✓ |
| 25068-38-6 | epoxy resin (number average molecular weight 700 <= 1200) | 1 - 3% | ✓ |
| 14807-96-6 | Talc (Mg ₃ H ₂ (SiO ₃) ₄) | 1 - 3% | |
| 107-98-2 | 1-methoxy-2-propanol | 1 - 3% | ✓ |
| 13463-67-7 | Titanium dioxide | 1 - 3% | |
| 51274-00-1 | Light yellow lemon yellow oxide pigment | 0.3 - 1.0% | |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 0.3 - 1.0% | ✓ |
| 1330-20-7 | xylene | 0.3 - 1.0% | ✓ |
| 7631-86-9 | amorphous Silica | 0.1 - 0.3% | |
| 100-41-4 | ethylbenzene | 0.1 - 0.3% | ✓ |
| 1309-37-1 | Iron oxide | 0.1 - 0.3% | |
| 110-12-3 | 5-methylhexan-2-one | 0.1 - 0.3% | ✓ |
| 7664-38-2 | phosphoric acid | 0.1 - 0.3% | ✓ |

Non-regulated ingredients 5 - 10%

4. First aid measures

Eye contact

SAFETY DATA SHEET



Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 3- 9

Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical advice.

Skin contact

Do NOT use solvents or thinners. Take off all contaminated clothing immediately. If skin irritation persists, call a physician.

Inhalation

Avoid inhalation of vapour or mist. Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

Ingestion

If swallowed, seek medical advice immediately and show this safety data sheet (SDS) or product label. Do NOT induce vomiting. Keep at rest.

Most Important Symptoms/effects, acute and delayed

Inhalation

May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ingestion

May result in gastrointestinal distress.

Skin or eye contact

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

Notes to physician

No data available on the product. See section 3 and 11 for hazardous ingredients found in the product.

5. Firefighting measures

Suitable extinguishing media

Universal aqueous film-forming foam, Carbon dioxide (CO₂), Dry chemical, Water spray.

Extinguishing media which shall not be used for safety reasons

High volume water jet

Specific hazards

Extremely flammable liquid and vapour. Vapours may form explosive mixtures with air. Remove all sources of ignition. Solvent vapours are heavier than air and may spread along floors. Do not allow run-off from fire fighting to enter drains or water courses.

Special Protective Equipment and Fire Fighting Procedures

Wear as appropriate: Full protective flameproof clothing. Wear self-contained breathing apparatus for firefighting if necessary. In the event of fire, cool tanks with water spray.

6. Accidental release measures

Personal precautions

Keep in a well-ventilated place. Keep away from sources of ignition. Comply with safety directives (see chapters 7 and 8). Do not inhale vapours.

Environmental precautions

Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems.

Methods for cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent; avoid use of solvents.

SAFETY DATA SHEET



Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 4- 9

7. Handling and storage

Handling

Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Safe handling advice

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Preparation may charge electrostatically: always use grounded leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing. No sparking tools should be used. Avoid skin and eye contact. Do not breathe vapours or spray mist. Smoking, eating and drinking should be prohibited in the application area.

Storage

Suitable storage conditions

Observe label precautions. Refer to Technical Data Sheet (TDS) for further information about storage temperature. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Suitable container and packaging materials for safe storage

Always keep in containers made of the same material as the supply container.

8. Exposure controls/personal protection

National occupational exposure limits

| Chemical name | | |
|---|------|-------------|
| dimethyl ether | TWA | 400 ppm |
| | TWA | 766 mg/m3 |
| | STEL | 500 ppm |
| | STEL | 958 mg/m3 |
| acetone | TWA | 500 ppm |
| | TWA | 1,185 mg/m3 |
| | STEL | 1,000 ppm |
| | STEL | 2,375 mg/m3 |
| barium sulphate, natural | TWA | 10 mg/m3 |
| n-butyl acetate | TWA | 150 ppm |
| | TWA | 713 mg/m3 |
| | STEL | 200 ppm |
| | STEL | 950 mg/m3 |
| n-butanol | CEIL | 50 ppm |
| | CEIL | 150 mg/m3 |
| propan-1-ol | TWA | 200 ppm |
| | TWA | 492 mg/m3 |
| | STEL | 250 ppm |
| | STEL | 614 mg/m3 |
| Talc (Mg3H2(SiO3)4) | TWA | 2 mg/m3 |
| 1-methoxy-2-propanol | TWA | 100 ppm |
| | TWA | 369 mg/m3 |
| | STEL | 150 ppm |
| | STEL | 553 mg/m3 |
| Titanium dioxide | TWA | 10 mg/m3 |
| Light yellow lemon yellow oxide pigment | TWA | 1 mg/m3 |

SAFETY DATA SHEET



Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 5- 9

| | | |
|---------------|---------------------|-----------|
| Chemical name | | |
| | xylene | |
| | TWA | 50 ppm |
| | TWA | 217 mg/m3 |
| | amorphous Silica | |
| | TWA | 10 mg/m3 |
| | ethylbenzene | |
| | TWA | 100 ppm |
| | TWA | 434 mg/m3 |
| | STEL | 125 ppm |
| | STEL | 543 mg/m3 |
| | Iron oxide | |
| | TWA | 5 mg/m3 |
| | 5-methylhexan-2-one | |
| | TWA | 50 ppm |
| | TWA | 234 mg/m3 |
| | phosphoric acid | |
| | TWA | 1 mg/m3 |

Engineering measures

Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Glossary

CEIL Ceiling exposure limit

STEL Short term exposure limit

TWA Time weighted average

Protective equipment

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Eye protection

Use safety eyewear designed to protect against splash of products.

Hand protection

The breakthrough time of gloves is unknown for the product itself. The glove material given is recommended on basis of the substances in the preparation.

| Chemical name | Glove material | Glove thickness | Break through time |
|-----------------|----------------|-----------------|--------------------|
| n-butyl acetate | Viton (R) ® | 0.7 mm | 10 MIN |
| | Nitrile rubber | 0.33 mm | 30 MIN |
| n-butanol | Viton (R) ® | 0.7 mm | 480 MIN |
| | Nitrile rubber | 0.33 mm | 480 MIN |
| propan-1-ol | Viton (R) ® | 0.7 mm | 480 MIN |
| | Nitrile rubber | 0.33 mm | 481 MIN |
| xylene | Nitrile rubber | 0.33 mm | 30 MIN |
| | Viton (R) ® | 0.7 mm | 480 MIN |

The protective glove should be checked in each case for their work specific suitability (e.g. mechanical stability, product compatibility, and anti-static properties). When the intended use is for spray application a nitrile glove of the chemical resistance group 3 (e.g. Dermatrill® glove) is to be used. After contamination, the glove has to be changed. If immersing the hands into the product is not avoidable (e.g. maintenance work) a butyl or fluorocarbon rubber glove should be used. When skin exposure may occur to materials specified in section 3 of this SDS, advice should be sought from the glove supplier as to appropriate type to use with this product and the permeation breakthrough times. Care should be taken when working with sharp edged articles as these can easily damage the gloves and make them ineffective. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Damaged gloves or those showing signs of wear should be replaced immediately.

Skin and body protection

Wear suitable protective clothing. Personnel should wear antistatic clothing made of natural fiber or of high temperature resistant synthetic fiber.

SAFETY DATA SHEET



Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 6- 9

Hygiene measures

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use organic solvents!

9. Physical and chemical properties

Appearance

Form : aerosol **Colour:** grey **Odor Threshold :** No data available

| | | |
|--|------------------------|--------------------|
| pH | No data available. | |
| Freezing point | -142 – 1300 °C | |
| Boiling point | -24 °C | |
| Flash point | 15 °C | |
| Evaporation rate | Slower than Ether | |
| Flammability | | |
| Upper explosion limit | 18.6 % | |
| Lower explosion limit | 1.2 % | |
| Vapour pressure | 443.2 hPa | |
| Solubility(ies) | appreciable | |
| Vapour density | No data available | |
| Density | 0.84 g/cm ³ | DIN 53217/ISO 2811 |
| Partition coefficient: n-octanol/water | No data available | |
| Ignition temperature | 235 °C | DIN 51794 |
| Decomposition temperature | | |
| Viscosity (23 °C) | Not applicable. | ISO 2431-1993 |

10. Stability and reactivity

Stability

Stable

Hazardous polymerisation

Will not occur.

Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. Toxicological information

Information on likely routes of exposure

Inhalation

May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

SAFETY DATA SHEET



Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 7- 9

Ingestion

May result in gastrointestinal distress.

Skin or eye contact

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

Delayed and immediate effects and also chronic effects from short and long term exposure:

Acute oral toxicity

not hazardous

Acute dermal toxicity

not hazardous

Acute inhalation toxicity

Not classified according to GHS criteria

% of unknown composition: 1.5 %

Skin corrosion/irritation

Not classified according to GHS criteria

Serious eye damage/eye irritation

| | |
|--|-------------|
| acetone | Category 2A |
| n-butanol | Category 1 |
| propan-1-ol | Category 1 |
| epoxy resin (number average molecular weight 700 <= 1200) | Category 2A |
| xylene | Category 2A |
| 5-methylhexan-2-one | Category 2A |

Respiratory sensitisation

Not classified according to GHS criteria

Skin sensitisation

epoxy resin (number average molecular weight 700 <= 1200) Category 1

Germ cell mutagenicity

Not classified according to GHS criteria

Carcinogenicity

Not classified according to GHS criteria

Toxicity for reproduction

5-methylhexan-2-one Category 2

Target Organ Systemic Toxicant - Single exposure

• Inhalation

Narcotic effects acetone, propan-1-ol

Target Organ Systemic Toxicant - Repeated exposure

Not classified according to GHS criteria

Aspiration toxicity

Not classified according to GHS criteria

Numerical measures of toxicity (acute toxicity estimation (ATE),etc.)

No information available.

Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 8- 9

Symptoms related to the physical, chemical and toxicological characteristics

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Through skin resorption, solvents can cause some of the effects described here. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Based on the properties of the epoxy constituent(s) and considering toxicological data on similar preparations, this preparation may be a skin sensitizer and an irritant. Low molecular epoxy constituents are irritating to eyes, mucous membranes and skin. Repeated skin contact may lead to irritation and to sensitization, possibly with cross-sensitization to other epoxies. Avoid skin and eye contact. Avoid inhalation of vapour or mist.

12. Ecological information

Product does not contain any environmentally hazardous substances and product is not classified per GHS

Ecotoxicity effects

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses.

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in soil

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS**Waste disposal methods**

Dispose of in accordance with local regulations.

Disposal considerations**14. Transport information****NZS5433**

Proper shipping name: AEROSOLS

UN number: 1950

Hazard Class: 2.1

Packing group:

Hazchem Code:

IMDG (Sea transport)

Proper shipping name: AEROSOLS

UN number: 1950

Hazard Class: 2.1

Subsidiary Hazard Class: Not applicable.

Packing group:

Marine Pollutant: no

EmS: F-D,S-U

ICAO/IATA (Air transport)

Proper shipping name: AEROSOLS, flammable

SAFETY DATA SHEET



Product name: 1K E-Coat Repair Primer Olive Aerosol

Product code: ERP-02

Print Date: 2018-08-16

v5.1

Revision Date: 2018-08-16

NZ/en Page 9- 9

UN number: 1950
Hazard Class: 2.1
Subsidiary Hazard Class: Not applicable.
Packing group:

Matters needing attention for transportation

Confirm that there is no breakage, corrosion, or leakage from the container before shipping. Be sure to prevent damage to cargo by loading so as to avoid falling, dropping, or collapse. Ship in appropriate containers with denotation of the content in accordance with the relevant statutes and rules.

15. Regulatory information

National regulatory information

| | |
|--|---|
| HSNO Approval Code | HSR002515 |
| HSNO Control A | This product must be under the control of an approved handler during use. |
| HSNO Classification | |
| Serious eye damage/eye irritation | Category 8.3A |
| Skin sensitisation | Category 6.5B |
| Toxicity for reproduction | Category 6.8B |
| Target Organ Systemic Toxicant - Single exposure | class 6.9B (narcotic effects) |
| Flammable aerosols | Category 2.1.2A |

16. Other information

Revision Note

| Version | Changes |
|---------|---------|
| 5.1 | 8 |

Revision Date: 2018-08-16
B13168903

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.

End of Safety Data Sheet