

Safety Data Sheet



1. Identification

Product Name: ZINSSR 1L 6PK IBU BEYE123 WHT PRIMER **Revision Date:** 26/02/2024
Name on Label: Bulls Eye 1-2-3 Undercoat Primer-Sealer Stain Killer **Supersedes Date:** 13/11/2023
Product Identifier: 76404
Product Use/Class: Topcoat/ Waterbased
Supplier: Rust-Oleum New Zealand
 QB Studios - Office 7, 2 Morgan St
 Newmarket, Auckland 1023
 New Zealand
 Ph: 0800 (78 78 65)
Manufacturer: Rust-Oleum Corporation
 11 Hawthorn Parkway
 Vernon Hills, IL 60061
 USA
 Website: www.rustoleum.co.nz
 Email: technical@rustoleum.co.nz
Preparer: Regulatory Department
Emergency Telephone: 24 Hour Hotline: 1-300-366-961
Poison Centre: 0800 764 766

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Warning

Possible Hazards

10% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS Hazard Statements

| | | |
|---|------|--|
| Hazardous to the Aquatic Environment, Chronic, category 3 | H412 | Harmful to aquatic life with long lasting effects. |
| STOT, Repeated Exposure, category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |

GHS Label Precautionary Statements

| | |
|------|--|
| P260 | Do not breathe dust/fumes/gas/mist/vapours/spray. |
| P273 | Avoid release to the environment. |
| P319 | Get medical help if you fell unwell. |
| P501 | Dispose of contents and container in accordance with local, regional and national regulations. |

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. % Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---|----------------|--------------------|--------------------|-----------------------|
| Titanium Dioxide | 13463-67-7 | 2.5-10 | Not Available | Not Available |
| Hydrous Magnesium Silicate | 14807-96-6 | 2.5-10 | Not Available | Not Available |
| Ethylene Glycol | 107-21-1 | 1.0-2.5 | GHS07-GHS08 | H319-372 |
| Zinc Oxide | 1314-13-2 | 0.1-1.0 | GHS09 | H410 |
| Distillates (Petroleum) Solvent-Dewaxed Heavy Paraffinic | 64742-65-0 | 0.1-1.0 | Not Available | Not Available |
| Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether | 9038-95-3 | 0.1-1.0 | GHS06-GHS08 | H330-373 |
| Carbamic Acid, 1H-Benzimidazol-2-yl-, Methyl Ester | 10605-21-7 | <0.1 | GHS08-GHS09 | H340-360-373-400 |

The balance of the product is Nonhazardous.

4. First-Aid Measures

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

First Aid - Skin Contact: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

First Aid - Ingestion: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

5. Fire-fighting Measures

ADG HAZCHEM CODE: Not Hazardous

EXTINGUISHING MEDIA: Aqueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Water Fog

Unusual Fire and Explosion Hazards: Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

6. Accidental Release Measures

Steps to Be Taken If Material Is Released or Spilled: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

7. Handling and Storage

Handling: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing. Avoid contact with eyes.

Storage: Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep from freezing.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | NZ WEL TWA | NZ WEL STEL |
|---|------------|--------------------|------------|-------------|
| Titanium Dioxide | 13463-67-7 | 10.0 | 10 mg/m3 | N.E. |
| Hydrous Magnesium Silicate | 14807-96-6 | 5.0 | 2 mg/m3 | N.E. |
| Ethylene Glycol | 107-21-1 | 5.0 | N.E. | N.E. |
| Zinc Oxide | 1314-13-2 | 1.0 | 0.1 mg/m3 | 0.5 mg/m3 |
| Distillates (Petroleum) Solvent-Dewaxed Heavy Paraffinic | 64742-65-0 | 1.0 | N.E. | N.E. |
| Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether | 9038-95-3 | 1.0 | N.E. | N.E. |
| Carbamic Acid, 1H-Benzimidazol-2-yl-, Methyl Ester | 10605-21-7 | 0.1 | N.E. | N.E. |

PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: Wear an approved (or equivalent) full-facepiece airline respirator according to AS/NZS 1715-2009 and AS/NZS 1716-2012 in the positive pressure mode with emergency escape provisions. A respiratory protection program that meets AS/NZS 1715-2009 and AS/NZS 1716-2012 requirements must be followed whenever workplace conditions warrant a respirator's use. An approved air purifying respirator with organic vapor cartridge or canister according to AS/NZS 1715-2009 and AS/NZS 1716-2012 may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Users of this product in industrial/OEM applications must use one of the following forms of respiratory protection:

- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant supplied-air respirator operated in pressure demand or continuous flow mode and equipped with a tight fitting facepiece
- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges
- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant powered air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges.

Skin Protection: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications. Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

| | | | |
|---------------------------------|-----------------------------|--|------------|
| Appearance: | Liquid | Physical State: | Liquid |
| Odor: | Solvent Like | Odor Threshold: | N.E. |
| Specific Gravity: | 1.257 | pH: | 9.25 |
| Freeze Point, °C: | N.D. | Viscosity: | N.D. |
| Solubility in Water: | Slight | Partition Coefficient, n-octanol/water: | N.D. |
| Decomposition Temp., °C: | N.D. | Explosive Limits, vol%: | 3.2 - 15.3 |
| Boiling Range, °C: | 100 - 537 | Flash Point, °C: | 94 |
| Flammability: | Does not Support Combustion | Auto-Ignition Temp., °C: | N.D. |
| Evaporation Rate: | Slower than Ether | Vapor Pressure: | N.D. |
| Vapor Density: | Heavier than Air | | |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Avoid contact with strong acid and strong bases. Avoid excess heat.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

Hazardous Decomposition: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. Toxicological Information

Effects of Overexposure - Eye Contact: Causes eye irritation. Irritating, and may injure eye tissue if not removed promptly.

Effects of Overexposure - Skin Contact: Substance may cause slight skin irritation. Low hazard for usual industrial handling or commercial handling by trained personnel.

Effects of Overexposure - Inhalation: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Low hazard for usual industrial handling or commercial handling by trained personnel. Constituents of this product include crystalline silica dust which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems. Routine handling and application does not require use of respiratory protection; however, if air monitoring demonstrates vapor, mist, or dust levels above applicable limits, wear an appropriate, properly fitted respirator (meets AS/NZS 1715-2009 and AS/NZS 1716-2012 requirements) during handling and application. Follow respirator manufacturer's directions for respirator use.

Effects of Overexposure - Ingestion: Substance may be harmful if swallowed.

Effects of Overexposure - Chronic Hazards: Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| CAS-No. | Chemical Name | Oral LD50 | Dermal LD50 | Vapor LC50 |
|------------|---|------------------|---------------------|-------------|
| 13463-67-7 | Titanium Dioxide | >10000 mg/kg Rat | 6000 | N.E. |
| 14807-96-6 | Hydrous Magnesium Silicate | 6000 | N.E. | 30 |
| 107-21-1 | Ethylene Glycol | 4700 mg/kg Rat | 10600 mg/kg Rat | N.E. |
| 1314-13-2 | Zinc Oxide | >5000 mg/kg Rat | >2000 mg/kg Rat | N.E. |
| 64742-65-0 | Distillates (Petroleum) Solvent-Dewaxed Heavy Paraffinic | >15000 mg/kg Rat | >5000 mg/kg Rabbit | 21 mg/L |
| 9038-95-3 | Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether | 5000 mg/kg Rat | 14904 mg/kg Rabbit | .1 mg/L Rat |
| 10605-21-7 | Carbamic Acid, 1H-Benzimidazol-2-yl-, Methyl Ester | >5050 mg/kg Rat | >10000 mg/kg Rabbit | N.E. |

N.E. - Not Established

12. Ecological Information

Ecological Information: Product is a mixture of listed components. No ecotoxicity data was found for this product.

Toxicity: The acute toxicity effects of this product have not been tested. Data on individual components are tabulated below:

AQUATIC ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| CAS-No. | Chemical Name | Algae | Daphnia/Aquatic | Fish |
|------------|--|-------------------|-----------------|------------|
| 14807-96-6 | Hydrous Magnesium Silicate | N.E. | N.E. | >100 g/L |
| 107-21-1 | Ethylene Glycol | 6500 - 13000 mg/L | 46300 mg/L | 41000 mg/L |
| 1314-13-2 | Zinc Oxide | N.E. | N.E. | 1.55 mg/L |
| 64742-65-0 | Distillates (Petroleum) Solvent-Dewaxed Heavy Paraffinic | N.E. | >1000 mg/L | >5000 mg/L |

N.E. - Not Established

Persistence and degradability: The persistence and degradability of this product have not been tested.

BIOACCUMULATIVE POTENTIAL:

| <u>Product/ingredient name</u> | <u>Octanol-water par. Coeff (log KOW)</u> | <u>Bio. Conc. Factor (BCF)</u> |
|--|---|--------------------------------|
| Ethylene Glycol | -1.36 | N.I. |
| Carbamic Acid, 1H-Benzimidazol-2-yl-, Methyl Ester | >1.4 - <1.5 | N.I. |

Mobility in Soil: The mobility in soil of this product has not been tested.

Other adverse effects: This product has not been tested for other adverse ecological effects.

13. Disposal Information

Disposal: In accordance with the Hazardous Substances (Disposal) Notice 2017 and the relevant criteria of the Hazardous Substances and New Organisms Act (HSNO) 1996.

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 or 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Do not puncture or incinerate container.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>ADG</u> |
|------------------------------|-------------------------|-----------------------------|-------------------|---------------|
| UN Number: | N.A. | N.A. | N.A. | N.A. |
| Proper Shipping Name: | Not Regulated | Not Regulated | Not Regulated | Not Regulated |
| Hazard Class: | N.A. | N.A. | N.A. | N.A. |
| Packing Group: | N.A. | N.A. | N.A. | N.A. |
| Limited Quantity: | No | No | No | No |
| ADG Hazchem Code: | Not Hazardous | | | |

15. Regulatory Information

Montreal Protocol

No Montreal Protocol components exist in this product.

Stockholm Convention

No Stockholm Convention components exist in this product.

Rotterdam Convention

This product contains the following substances listed under the Rotterdam Convention:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|-------------------------------|----------------|
| Ethylene Oxide | 75-21-8 |
| Mercury Compounds (Inorganic) | 7439-97-6 |

MARPOL

This product contains the following substances listed under the MARPOL regulations:

Chemical NameCarbamic Acid, 1H-Benzimidazol-2-yl-, Methyl Ester
Aqueous Ammonia**CAS-No.**10605-21-7
1336-21-6**New Zealand Group Standard**

This product is approved under Group Standard Number HSR002670

16. Other Information

SDS REVISION DATE: 26/02/2024

REASON FOR REVISION: Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
11 - Toxicological Information
16 - Other Information
Revision Statement(s) Changed

Legend:

N.A. - Not Applicable N.D. - Not Determined N.E. - Not Established
S.T.E.L. - Short Term Exposure Limit
T.W.A. - Time Weighted Average
W.E.S. - Workplace Exposure Standard
W.H.S. - Work Health and Safety regulation

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.