

Safety Data Sheet

RUST-OLEUM
AUSTRALIA

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1. Identification

Product Name: PRO 1-GL 2PK SAFETY YELLOW **Revision Date:** 05/04/2021

Name on Label: High Performance Protective Enamel Safety Yellow **Supersedes Date:** 30/03/2020

Product Identifier: 7543402

Product Use/Class: Topcoat/Alkyd

Supplier: Rust-Oleum Australia & New Zealand Pty. Ltd.
Level 2, 307 Ferntree Gully Road
Mount Waverley, Victoria 3149
Australia
Ph 1 300 784 476 **Manufacturer:** Rust-Oleum Corporation
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Vernon Hills, IL 60061
USA

Preparer: Regulatory Department

Emergency Telephone: 24 Hour Hotline: 1-300-366-961

2. Hazard Identification

This product is not classified as a Dangerous Good per the Australian Code for the Transport of Dangerous Goods by Road and Rail. This product was assessed per Safe Work Australia criteria.

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

6% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

| | | |
|-------------------------------------|------|-----------------------------|
| Carcinogenicity, category 1A | H350 | May cause cancer. |
| Flammable Liquid, category 3 | H226 | Flammable liquid and vapor. |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|----------------|---|
| P201 | Obtain special instructions before use. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING. |
| P233 | Keep container tightly closed. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P370+P378 | In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |

P405
P501Store locked up.
Dispose of contents/container in accordance with local, regional and national regulations.**GHS SDS PRECAUTIONARY STATEMENTS**

P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.

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> |
|-------------------------------|----------------|-------------------|--------------------|----------------------------|
| Hydrotreated Light Distillate | 64742-47-8 | 25-50 | GHS08 | H304 |
| Titanium Dioxide | 13463-67-7 | 2.5-10 | Not Available | Not Available |
| Soy Lecithin | 8030-76-0 | 0.1-1.0 | Not Available | Not Available |
| Methyl Ethyl Ketoxime | 96-29-7 | 0.1-1.0 | GHS05-GHS06-GHS08 | H302-312-317-318-331-351 |
| Ethylbenzene | 100-41-4 | 0.1-1.0 | GHS02-GHS07 | H225-315-319-332 |
| Naphtha, Hydrotreated Heavy | 64742-48-9 | 0.1-1.0 | GHS08 | H304-340-350 |
| Cobalt 2-Ethylhexanoate | 136-52-7 | 0.1-1.0 | GHS08 | H317-319-334-350-360FD-372 |

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.

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: If swallowed, get medical attention.

5. Fire-fighting Measures

ADG HAZCHEM CODE: N.A.

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor. No unusual fire or explosion hazards noted. Thermal decomposition produces acrolein, carbon monoxide, carbon dioxide, nitrogen oxides, and oxides of phosphorous.

SPECIAL FIREFIGHTING PROCEDURES: Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. 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.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | WHS WES TLV-TWA | WHS WES TLV-STEL |
|-------------------------------|------------|--------------------|-----------------|------------------|
| Hydrotreated Light Distillate | 64742-47-8 | 45.0 | N.E. | N.E. |
| Titanium Dioxide | 13463-67-7 | 10.0 | 10 mg/m3 | N.E. |
| Soy Lecithin | 8030-76-0 | 1.0 | N.E. | N.E. |
| Methyl Ethyl Ketoxime | 96-29-7 | 1.0 | 10 ppm | N.E. |
| Ethylbenzene | 100-41-4 | 1.0 | 20 ppm | N.E. |
| Naphtha, Hydrotreated Heavy | 64742-48-9 | 1.0 | N.E. | N.E. |
| Cobalt 2-Ethylhexanoate | 136-52-7 | 1.0 | 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.

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: | 0.972 | pH: | N.A. |
| Freeze Point, °C: | N.D. | Viscosity: | N.D. |
| Solubility in Water: | None | Partition Coefficient, n-octanol/water: | N.D. |
| Decomposition Temp., °C: | N.D. | Explosive Limits, vol%: | 0.5 - 6.6 |
| Boiling Range, °C: | 136 - 537 | Flash Point, °C: | 41 |
| Flammability: | Supports 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: No Information

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

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

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: Substance causes moderate eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Substance may cause slight skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation. 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: Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). 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:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|-------------------------------|------------------|--------------------|-------------------|
| 64742-47-8 | Hydrotreated Light Distillate | >5000 mg/kg Rat | >2000 mg/kg Rabbit | >5000 mg/L Rat |
| 13463-67-7 | Titanium Dioxide | >10000 mg/kg Rat | 2500 mg/kg | N.E. |
| 96-29-7 | Methyl Ethyl Ketoxime | 930 mg/kg Rat | 1100 mg/kg Rabbit | >4.83 mg/L Rat |
| 100-41-4 | Ethylbenzene | 3500 mg/kg Rat | 15400 mg/kg Rabbit | 17.4 mg/L Rat |
| 64742-48-9 | Naphtha, Hydrotreated Heavy | >6000 mg/kg Rat | >5000 mg/kg Rabbit | N.E. |
| 136-52-7 | Cobalt 2-Ethylhexanoate | N.E. | >5000 mg/kg Rabbit | N.E. |

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Do not incinerate closed containers. Dispose of material in accordance to local, state, and federal regulations and ordinances.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>ADG</u> |
|-----------------------|-------------------------|-----------------------------|-------------------|---------------|
| UN Number: | N.A. | 1263 | 1263 | N.A. |
| Proper Shipping Name: | Not Regulated | Paint | Paint | Not Regulated |
| Hazard Class: | N.A. | 3 | 3 | N.A. |
| Packing Group: | N.A. | III | III | N.A. |
| Limited Quantity: | No | Yes | Yes | No |
| ADG Hazchem Code: | N.A. | | | |

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

No Rotterdam Convention components exist in this product.

MARPOL

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

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|------------------------|----------------|
| n-Nonane | 111-84-2 |
| 1,3,5-Trimethylbenzene | 108-67-8 |
| Naphthalene | 91-20-3 |

SUSMP

This product contains the following substances classified as poisons as regulated by the Poisons Standard (SUSMP):

| <u>Chemical Name</u> | <u>Schedule Number(s)</u> |
|----------------------|---------------------------|
| Liquid Hydrocarbons | Schedule 5 |

Capital Territories Environmental Regulations

This product contains the following substances listed under the Australian Capital Territories Environmental Protection Regulation:

| <u>Chemical Name</u> | <u>Schedule</u> | <u>Schedule Name</u> |
|------------------------------|-----------------|--------------------------------------|
| Xylenes (o-, m-, p- Isomers) | 3 | DOM - Organic Chemicals |
| Ethylbenzene | 3 | Non-pesticide Anthropogenic Organics |
| Toluene | 3 | Non-pesticide Anthropogenic Organics |

16. Other Information

SDS REVISION DATE: 05/04/2021

REASON FOR REVISION: Substance and/or Product Properties Changed in Section(s):
01 - Identification
03 - Composition / Information on Ingredients
11 - Toxicological Information
Substance Hazard Threshold % Changed
Product Composition Changed
Substance Hazardous Flag Changed
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

Rust-Oleum Corporation 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. Rust-Oleum Corporation 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.