Safety Data Sheet

RUST-OLEUM CORPORATION
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1. Identification

Product Name: STRUST +SSPR 6PK METALC GOLD

Revision Date: 05/12/2022

Name on Label: Stops Rust Bright Coat Metallic Finish Gold

Supercedes Date: 10/03/2022

Product Identifier: 7710830

Product Use/Class: Topcoat/Aerosols

Supplier:
Rust-Oleum New Zealand
QB Studios - Office 7, 2 Morgan St
Newmarket, Auckland 1023
New Zealand
Ph: 0800 (78 78 65)

Website: www.rustoleum.co.nz
Email: technical@rustoleum.co.nz

Manufacturer:
Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA

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
Danger

Possible Hazards
47% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Acute Toxicity, Inhalation, category 3	H331	Toxic if inhaled.
Acute Toxicity, Oral, category 3	H301	Toxic if swallowed.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Flammable Aerosol, category 1	H222	Extremely flammable aerosol.
Germ Cell Mutagenicity, category 1A	H340	May cause genetic defects.
Hazardous to the Aquatic Environment, Chronic, category 3	H412	Harmful to aquatic life with long lasting effects.
Reproductive Toxicity, category 2	H361	Suspected of damaging fertility or the unborn child.
STOT, Repeated Exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
STOT, Single Exposure, category 2	H371	May cause damage to organs.
Skin Irritation, category 2	H315	Causes skin irritation.

Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Aerosol, Pressurized Container	H229	Pressurized container: may burst if heated.

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.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P311	IF exposed or concerned: Call a POISON CENTER or doctor.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	For specific treatment see label.
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C (122°F).
P501	Dispose of contents/container in accordance with local, regional and national regulations.

GHS SDS PRECAUTIONARY STATEMENTS

P270	Do not eat, drink or smoke when using this product.
P363	Wash contaminated clothing before reuse.

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

Chemical Name	CAS-No.	Wt.% Range	GHS Symbols	GHS Statements
Propane	74-98-6	10-25	Not Available	Not Available
Toluene	108-88-3	10-25	GHS02-GHS07-GHS08	H225-303-315-319-332-361-373-401-413
Naphtha, Petroleum, Hydrotreated Light	64742-49-0	10-25	Not Available	H313
n-Butane	106-97-8	10-25	Not Available	Not Available
Dimethyl Carbonate	616-38-6	2.5-10	GHS02-GHS06	H225-331-401
Copper Compounds	7440-50-8	2.5-10	GHS06-GHS08-GHS09	H300-317-319-330-340-371-400
Hydrotreated Light Distillate	64742-47-8	2.5-10	Not Available	H313

Zinc	7440-66-6	1.0-2.5	GHS02-GHS07-GHS09	H250-251-260-302-400
Octane	111-65-9	0.1-1.0	GHS02-GHS07-GHS08-GHS09	H225-303-304-316-319-410
n-Heptane	142-82-5	0.1-1.0	GHS02-GHS09	H225-303-313-316-411
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	6683-19-8	0.1-1.0	GHS06	H313-330

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: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-fighting Measures

ADG HAZCHEM CODE: None

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLASH POINT IS LESS THAN -7°C (20°F). EXTREMELY FLAMMABLE LIQUID AND VAPOR!Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Full protective equipment including self-contained breathing apparatus should be used. 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: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. 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. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only in a well-ventilated area. 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: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not store above 120°F (49°C). Store large quantities in buildings designed and protected for storage of flammable aerosols. Keep away from heat, sparks, flame and sources of ignition. Contents under pressure. Do not expose to heat or store above 120°F (49°C). Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials.

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
Propane	74-98-6	25.0	N.E.	N.E.
Toluene	108-88-3	20.0	20 ppm	100 ppm
Naphtha, Petroleum, Hydrotreated Light	64742-49-0	15.0	N.E.	N.E.
n-Butane	106-97-8	15.0	800 ppm	N.E.
Dimethyl Carbonate	616-38-6	10.0	N.E.	N.E.
Copper Compounds	7440-50-8	5.0	0.01 mg/m3	N.E.
Hydrotreated Light Distillate	64742-47-8	5.0	N.E.	N.E.
Zinc	7440-66-6	5.0	N.E.	N.E.
Octane	111-65-9	1.0	300 ppm	375 ppm
n-Heptane	142-82-5	1.0	400 ppm	500 ppm
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	6683-19-8	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. Use explosion-proof ventilation equipment. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable 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:
a. 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
b. AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges
c. AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant powered air-purifying respirator equipped with a full facepeice and organic gas/vapor cartridges.

SKIN PROTECTION: Use impervious gloves to prevent skin contact and absorption of this material through the skin.

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:	Aerosolized Mist	**Physical State:**	Liquid
Odor:	Solvent Like	**Odor Threshold:**	N.E.
Specific Gravity:	0.740	**pH:**	N.A.
Freeze Point, °C:	N.D.	**Viscosity:**	N.D.
Solubility in Water:	Slight	**Partition Coefficient, n-octanol/ water:**	N.D.
Decomposition Temp., °C:	N.D.		
Boiling Range, °C:	-37 - 260	**Explosive Limits, vol%:**	0.9 - 9.5
Flammability:	Supports Combustion	**Flash Point, °C:**	-96
Evaporation Rate:	Faster than Ether	**Auto-Ignition Temp., °C:**	N.D.
Vapor Density:	Heavier than Air	**Vapor Pressure:**	N.D.

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition.

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

Hazardous Decomposition: By open flame, carbon monoxide and carbon dioxide. 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: Causes Serious Eye Irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Substance may cause slight skin irritation. May be absorbed through the skin in harmful amounts. Prolonged or repeated contact may cause skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. 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: Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: May damage fertility or the unborn child. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. May cause genetic defects.

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
108-88-3	Toluene	2600 mg/kg Rat	12000 mg/kg Rabbit	12.5 mg/L Rat
64742-49-0	Naphtha, Petroleum, Hydrotreated Light	>5000 mg/kg Rat	>3160 mg/kg Rabbit	>4951 mg/L Rat
106-97-8	n-Butane	N.E.	N.E.	658 mg/L Rat
616-38-6	Dimethyl Carbonate	13000 mg/kg Rat	>5000 mg/kg Rabbit	>5.36 mg/L Rat
7440-50-8	Copper Compounds	N.E.	N.E.	>5.11 mg/L Rat
64742-47-8	Hydrotreated Light Distillate	>5000 mg/kg Rat	>2000 mg/kg Rabbit	>5000 mg/L Rat
7440-66-6	Zinc	630 mg/kg Rat	N.E.	N.E.
111-65-9	Octane	N.E.	N.E.	>24.88 mg/L Rat
142-82-5	n-Heptane	N.E.	3000 mg/kg Rabbit	>73.5 mg/L Rat
6683-19-8	Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	>10250 mg/kg Rat	>3160 mg/kg Rabbit	>1.95 mg/L Rat

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components. Product is a mixture of listed components.

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
108-88-3	Toluene	>433 mg/L	5.46 - 9.83 mg/L	15.22 - 19.05 mg/L
64742-49-0	Naphtha, Petroleum, Hydrotreated Light	N.E.	N.E.	8.41 mg/L
616-38-6	Dimethyl Carbonate	N.E.	N.E.	>=100 mg/L
7440-50-8	Copper Compounds	0.0426 - 0.0535 mg/L	0.03 mg/L	0.0068 - 0.0156 mg/L
64742-47-8	Hydrotreated Light Distillate	N.E.	N.E.	45 mg/L
7440-66-6	Zinc	0.11 - 0.271 mg/L	0.139 - 0.908 mg/L	2.16 - 3.05 mg/L
111-65-9	Octane	N.E.	0.38 mg/L	N.E.
142-82-5	n-Heptane	N.E.	N.E.	375.0 mg/L
6683-19-8	Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	>100 mg/L	N.E.	>100 mg/L

N.E. - Not Established

PERSISTENCE AND DEGRADABILITY: The persistence and degradability of this product have not been tested.

BIOACCUMULATIVE POTENTIAL:

Product/ingredient name	Octanol-water par. Coeff (log KOW)	Bio. Conc. Factor (BCF)
Propane	1.09	N.I.
Toluene	2.73	N.I.
n-Butane	2.31	N.I.
Dimethyl Carbonate	0.354	N.I.
Hydrotreated Light Distillate	N.I.	61 - 159 dimensionless
Octane	5.18	N.I.
n-Heptane	4.66	N.I.
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	23	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

	Domestic (USDOT)	International (IMDG)	Air (IATA)	ADG
UN Number:	N.A.	1950	1950	1950
Proper Shipping Name:	Paint and Related Spray Products in Ltd Qty	Aerosols	Aerosols, flammable	Aerosols
Hazard Class:	N.A.	2	2.1	2.1
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	Yes	Yes	Yes	Yes

ADG Hazchem Code: None

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:

Chemical Name	CAS-No.
Mercury Compounds (Inorganic)	7439-97-6

MARPOL

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

Chemical Name	CAS-No.
Copper Compounds	7440-50-8
Octane	111-65-9
n-Heptane	142-82-5
Naphthalene	91-20-3

New Zealand Group Standard

This product is approved under Group Standard Number HSR002515

16. Other Information

SDS REVISION DATE: 05/12/2022

REASON FOR REVISION: Substance and/or Product Properties Changed in Section(s):
03 - Composition / Information on Ingredients
08 - Exposure Controls / Personal Protection
09 - Physical & Chemical Properties
Substance Hazard Threshold % 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.