

Safety Data Sheet



1. Identification

Name on Label: Stops Rust Advanced Satin Chestnut Brown

Product Name: STRTADV +SSPR 6PK DIALCP STN CHESTNT BRN

Product Identifier: 376877

Recommended Use: Tocoat/Aerosols

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

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

Revision Date: 12/19/2024

Supersedes Date: 1/12/2022

Preparer: Regulatory Department

Emergency Telephone: 24 Hour Hotline: 847-367-7700

2. Hazards Identification

Classification

Symbol(s) of Product



Signal Word
Danger

Possible Hazards

35% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS Hazard Statements

| | | |
|---------------------------------------|------|--|
| Flammable Aerosol, category 1 | H222 | Extremely flammable aerosol. |
| Pressurized Container | H229 | Pressurized container: may burst if heated. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Eye Irritation, category 2A | H319 | Causes serious eye irritation. |
| STOT, Single Exposure, category 3, NE | H336 | May cause drowsiness or dizziness. |
| Carcinogenicity, category 2 | H351 | Suspected of causing cancer. |
| Reproductive Toxicity, category 1B | H360 | May damage fertility or the unborn child. |
| STOT, Repeated Exposure, category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |

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/fumes/gas/mist/vapours/spray. |

| | |
|----------------|--|
| P264 | Wash 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. |
| P280 | Wear protective gloves / protective clothing / eye protection / face protection. |
| 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+P313 | IF exposed or concerned: Get medical advice/attention. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P321 | Specific treatment (see notice on this label). |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337+P317 | If eye irritation persists: Get medical help. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F. |
| P501 | Dispose of contents and container in accordance with local, regional and national regulations. |

GHS SDS Precautionary Statements

P363 Wash contaminated clothing before reuse.

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> |
|--|----------------|------------------------|-----------------------|-----------------------|
| Acetone | 67-64-1 | 10-30 | GHS02-GHS07 | H225-319-332-336 |
| Propane | 74-98-6 | 10-30 | GHS04 | H280 |
| n-Butyl Acetate | 123-86-4 | 7.0-13 | GHS02-GHS07 | H226-336 |
| n-Butane | 106-97-8 | 5.0-10 | GHS04 | H280 |
| Hydrotreated Light Distillate | 64742-47-8 | 3.0-7.0 | GHS08 | H304 |
| Xylenes (o-, m-, p- Isomers) | 1330-20-7 | 1.0-5.0 | GHS02-GHS07 | H226-315-319-332 |
| Barium Sulfate | 7727-43-7 | 1.0-5.0 | GHS07 | H332 |
| Hydrous Magnesium Silicate | 14807-96-6 | 1.0-5.0 | Not Available | Not Available |
| Titanium Dioxide | 13463-67-7 | 1.0-5.0 | Not Available | Not Available |
| Pigment Red 101 | 1309-37-1 | 0.5-1.5 | Not Available | Not Available |
| Ethylbenzene | 100-41-4 | 0.5-1.5 | GHS02-GHS07- GHS08 | H225-304-332-351-373 |
| bis(1,2,2,6,6-Pentamethyl-4-Piperidiny)l Sebacate | 41556-26-7 | 0.1-1.0 | GHS07-GHS08 | H317-361 |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 0.1-1.0 | GHS07-GHS08 | H304-332 |
| Barium Metaborate | 13701-59-2 | 0.1-1.0 | GHS07-GHS08 | H302+H332-360 |
| Methyl(1,2,2,6,6-Pentamethyl-4-Piperidiny)l Sebacate | 82919-37-7 | 0.1-1.0 | GHS07-GHS08 | H317-361 |
| Carbon Black | 1333-86-4 | 0.1-1.0 | Not Available | Not Available |
| Zirconium 2-Ethylhexanoate | 22464-99-9 | 0.1-1.0 | GHS08 | H360 |

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. Wash contaminated clothing and decontaminate footwear before reuse.

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, 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

EXTINGUISHING MEDIA: Aqueous 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. 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 Fire Fighting Procedures: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): Not a combustible dust.

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. 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 prolonged or repeated contact with skin. Do not get in eyes, on skin or clothing. Do not puncture or incinerate (burn) container, even after use.

Storage: 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.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV- TWA | ACGIH TLV- STEL | OSHA PEL-TWA | OSHA PEL- CEILING |
|--|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Acetone | 67-64-1 | 30.0 | 250 ppm | 500 ppm | 1000 ppm | N.E. |
| Propane | 74-98-6 | 20.0 | N.E. | N.E. | 1000 ppm | N.E. |
| n-Butyl Acetate | 123-86-4 | 15.0 | 50 ppm | 150 ppm | 150 ppm | N.E. |
| n-Butane | 106-97-8 | 10.0 | N.E. | 1000 ppm | N.E. | N.E. |
| Hydrotreated Light Distillate | 64742-47-8 | 10.0 | N.E. | N.E. | N.E. | N.E. |
| Xylenes (o-, m-, p- Isomers) | 1330-20-7 | 5.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| Barium Sulfate | 7727-43-7 | 5.0 | 5 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Hydrous Magnesium Silicate | 14807-96-6 | 5.0 | 2 mg/m3 | N.E. | 20 mppcf | N.E. |
| Titanium Dioxide | 13463-67-7 | 5.0 | 0.2 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Pigment Red 101 | 1309-37-1 | 5.0 | 5 mg/m3 | N.E. | 10 mg/m3 | N.E. |
| Ethylbenzene | 100-41-4 | 5.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| bis(1,2,2,6,6-Pentamethyl-4-Piperidiny) Sebacate | 41556-26-7 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Solvent Naphtha, Light Aromatic | 64742-95-6 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Barium Metaborate | 13701-59-2 | 1.0 | 0.5 mg/m3 | 6 mg/m3 | 0.5 mg/m3 | N.E. |

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| | | | | | | |
|---|------------|-----|---------|----------|-----------|------|
| Methyl(1,2,2,6,6-Pentamethyl-4-Piperidiny) Sebacate | 82919-37-7 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Carbon Black | 1333-86-4 | 1.0 | 3 mg/m3 | N.E. | 3.5 mg/m3 | N.E. |
| Zirconium 2-Ethylhexanoate | 22464-99-9 | 1.0 | 5 mg/m3 | 10 mg/m3 | 5 mg/m3 | 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. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 (U.S.) and/or SOR/86-304 Part XII 12.13 and CSA Standard Z180.1 (Canada) requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

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.

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

| | | | |
|------------------------------------|---------------------|--|-------------------|
| Physical State | Liquid | Decomposition Temperature, °C | N.D. |
| Color | Not Yet Specified | pH | N.A. |
| Odor | Solvent Like | Kinematic Viscosity | N.D. |
| Odor Threshold | N.E. | Solubility in Water | Slight |
| Freezing Point / Melting Point, °C | N.D. | Partition Coefficient, n-octanol/water | N.D. |
| Boiling Range, °C | -37 - 537 | Vapor Pressure | N.D. |
| Flammability | Supports Combustion | Evaporation Rate | Faster than Ether |
| Lower Explosive Limit, vol% | 0.9 | Specific Gravity | 0.803 |
| Upper Explosive Limit, vol% | 13.0 | Vapor Density | Heavier than Air |
| Flash Point, °C | -96 | Particle Characteristics | N.A. |
| Auto-Ignition Temperature, °C | 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. Avoid excess heat.

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: Can cause severe eye irritation. Causes eye and skin irritation which may lead to dermatitis with repeated exposures. Irritating, and may injure eye tissue if not removed promptly.

Effects of Overexposure - Skin Contact: Prolonged or repeated skin contact may cause irritation. Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Low hazard for usual industrial handling or

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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. 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.

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

Effects of Overexposure - Chronic Hazards: May damage fertility or the unborn child. 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. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated 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 carbon black in the formula. 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) Prolonged or repeated skin contact may cause dermatitis. 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:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|---|-----------------------|---------------------|-------------------|
| 67-64-1 | Acetone | 5800 mg/kg Rat | >15700 mg/kg Rabbit | 50.1 mg/L Rat |
| 123-86-4 | n-Butyl Acetate | 10768 mg/kg Rat | >17600 mg/kg Rabbit | > 21 mg/L Rat |
| 106-97-8 | n-Butane | N.E. | N.E. | 658 mg/L Rat |
| 64742-47-8 | Hydrotreated Light Distillate | >5000 mg/kg Rat | >2000 mg/kg Rabbit | >5000 mg/L Rat |
| 1330-20-7 | Xylenes (o-, m-, p- Isomers) | 3500 mg/kg Rat | >4350 mg/kg Rabbit | 29.08 mg/L Rat |
| 7727-43-7 | Barium Sulfate | 307000 mg/kg Rat | N.E. | N.E. |
| 14807-96-6 | Hydrous Magnesium Silicate | 6000 | N.E. | 30 |
| 13463-67-7 | Titanium Dioxide | >2000 mg/kg Rat | 6000 | N.E. |
| 1309-37-1 | Pigment Red 101 | >10000 mg/kg Rat | N.E. | N.E. |
| 100-41-4 | Ethylbenzene | 3500 mg/kg Rat | 15400 mg/kg Rabbit | 17.4 mg/L Rat |
| 41556-26-7 | bis(1,2,2,6,6-Pentamethyl-4-PiperidinyI) Sebacate | 2369 - 3920 mg/kg Rat | N.E. | N.E. |
| 64742-95-6 | Solvent Naphtha, Light Aromatic | 8400 mg/kg Rat | >2000 mg/kg Rabbit | N.E. |
| 13701-59-2 | Barium Metaborate | 530 mg/kg Rat | >2000 mg/kg Rabbit | N.E. |
| 1333-86-4 | Carbon Black | >10000 mg/kg Rat | >2000 mg/kg Rabbit | N.E. |

N.E. - Not Established

12. Ecological Information

Ecological Information: No ecotoxicity data was found for this product.

13. Disposal Information

Disposal: Do not incinerate closed containers. Dispose of material in accordance to local, state, and federal regulations and ordinances. This product as supplied is a US EPA defined ignitable hazardous waste. Dispose of unusable product as a hazardous waste (D001) in accordance with local, state, and federal regulation. EPA Hazardous Waste Number (RCRA): D005 (Barium). Dispose of in accordance with U.S. EPA 40 CFR 262 for concentrations at or above the Regulatory level. Regulatory level- 100.0 mg/L.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|---|-----------------------------|---------------------|---------------------|
| UN Number: | N.A. | 1950 | 1950 | 1950 |
| Proper Shipping Name: | Paint and Related Spray Products in Ltd Qty | Aerosols | Aerosols, flammable | AEROSOLS, flammable |
| 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 |

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Carcinogenicity, Reproductive toxicity, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure)

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|--|----------------|
| Xylenes (o-, m-, p- Isomers) | 1330-20-7 |
| Barium Sulfate | 7727-43-7 |
| Ethylbenzene | 100-41-4 |
| Barium Metaborate | 13701-59-2 |
| Copper phthalocyaninesulfonic acid, dioctadecyldimethylammonium salt | 70750-63-9 |

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

U.S. State Regulations:

California Proposition 65

WARNING:

Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

16. Other Information**HMIS RATINGS**

Health: 2* **Flammability:** 4 **Physical Hazard:** 0 **Personal Protection:** X

NFPA RATINGS

Health: 2 **Flammability:** 4 **Instability:** 0

Maximum Incremental Reactivity: 0.92

SDS REVISION DATE: 12/19/2024

REASON FOR REVISION: Product Composition Changed
Substance CAS Number Changed
Substance and/or Product Properties Changed in
Section(s):
01 - Identification
02 - Hazard Identification
03 - Composition / Information on Ingredients
05 - Fire-Fighting Measures
08 - Exposure Controls / Personal Protection
09 - Physical & Chemical Properties
11 - Toxicological Information
14 - Transport Information
15 - Regulatory Information
16 - Other Information
Substance Hazard Threshold % Changed
Substance Hazardous Flag Changed
Substance Regulatory CAS Number Changed
Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

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.