

511 Spray-On Grout Sealer

Natural Look Penetrating Sealer

Water & Stain Protection for

- New Grout ■ Natural Stone ■ Old Grout

Will not Harm Ceramic Tile, Porcelain Tile, Glazed Tile, Quarry Tile, Glass or Plastic Tile, Marble, Granite, Limestone, Travertine, Slate, other Natural Stone

Uses

- Interior & Exterior ■ Kitchen ■ Showers
- Restrooms ■ Anywhere you use Grout

Special Features

- Easy To Use "Clean Hands" Approach
- Apply as little as 2 hours after Grouting
- Low Toxicity
- Stain Resistant
- Economical
- Recyclable (doesn't end up in a landfill)
- Directional Spray
- Weather Resistant
- Non Yellowing
- U.V. Transparent
- Tamper Proof Container

KEEP OUT OF REACH OF CHILDREN. This product is formulated for sealing all types of new and old grout to provide resistance against water, oils, alkalis, acids, and staining. **511 Spray-On Grout Sealer** is a unique formulation designed for the protection of all types of grout both new and old. **511 Spray-On Grout Sealer** penetrates into the surface and forms an invisible barrier that is resistant to moisture and stains, while allowing vapor to escape. **511 Spray-On Grout Sealer** is not a surface coating and will not alter the natural look while making the grout easier to clean. **511 Spray-On Grout Sealer** can be applied to freshly installed grout as quickly as 2 hours after grouting. **511 Spray-On Grout Sealer** can be used on interior and exterior applications. **511 Spray-On Grout Sealer** is U.V. transparent and will not yellow under any circumstances. **511 Spray-On Grout Sealer** averages five to twenty times the coverage of competitive products. (See coverage chart). **511 Spray-On Grout Sealer** uses a "Clean Hands" approach to grout sealer application and has a unique directional spray allowing the user to apply the sealer without touching their hands.

Test Data

511 Spray-On Grout Sealer HAS BEEN TESTED BY SCIENTIFIC CERTIFICATION SYSTEMS PASSING THE MOST STRINGENT CALIFORNIA AIR RESOURCES BOARD (CARB) SECTION 01350 TEST AND HAS RECEIVED INDOOR ADVANTAGE GOLD CERTIFICATION.

Sample Testing

Due to the differences of each grout, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

Color Enhancement

For added color with "TEXTURED AND NON POLISHED" surfaces, **511 Seal & Enhance** may be applied as directed.

Gloss Enhancement

For a higher gloss finish on POLISHED stone surfaces, use **Water Ring & Etch Remover**, **Marble Conditioner**, **Mira Dust**, **Mira Polish** or **Granite Brite**. For counters and furniture, use **Stone Polish**. For tile surfaces, try **Tile Brite**.

Protect Neighboring Surfaces

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non-masonry surfaces.

NEW INSTALLATIONS - APPLICATION INSTRUCTIONS

Read entire label and SDS/PDS before using. **511 Spray-On Grout Sealer** should not be diluted or thinned in any way. **511 Spray-On Grout Sealer** should be used as is direct from approved container.

After Grouting: Once grouted, make sure that all grout residue is removed from the surface with a clean sponge and water. Allow grout to cure per manufacturers specification or at least 2 hours. If grout clean up is not performed effectively, an additional cleaning may be necessary to remove remaining grout residue or haze. For this procedure use **Phosphoric Acid Cleaner**, (HDAC) **Heavy Duty Acidic Cleaner (Hydrochloric Acid)** or **Epoxy Grout Film Remover** following the instructions carefully. Once the cleaned area has completely dried, proceed with the sealing of the grout for water and stain resistance. Apply **511 Spray-On Grout Sealer** to all grout with the unique "Clean Hands" Spray. Any excess sealer that gets on the surface should be wiped off with a clean towel before it dries.

Existing Installation - Surface Preparation

Surface must be dry and free of contaminants, including previously applied sealers, dirt, lime & hard water deposits, efflorescence, rust and other heavy dirt and grime.

Surface Coating/Wax Removal: To remove existing coatings and/or waxes, use **Mira Strip** or **Finish Sealer Stripper** as directed.

Heavy Duty Cleaning: To remove lime and hard water deposits, efflorescence, rust, grease and other heavy dirt and grime use **HDAC (Heavy Duty Acidic Cleaner)** or **Phosphoric Acid Cleaner** as directed.

For a non-acid deep clean use **Liquid Powlitice** as directed.

Light Cleaning: Use **Tile & Stone Cleaner**, **Porcelain & Ceramic Tile Cleaner**, **Limestone/Travertine Soap** or **Counter Kleen** as directed.

Existing Installation - Application Instructions

Once all grout and surrounding surfaces are clean, proceed with the application instructions previously mentioned.

Residue Removal

To remove accumulated **511 Spray-On Grout Sealer**, use **Miracle Residue Remover** as directed.

Cure Time

511 Spray-On Grout Sealer will be dry to the touch in 1 - 3 hours and may be used for normal foot traffic. For optimum results the area should be kept dry and free from staining materials for 72 hours.

Coverage: Used as directed, **511 Spray-On Grout Sealer** will cover up to 250 linear feet of grout.

Cost per linear foot: Approximately 5 cents per foot.

MAINTENANCE

For ongoing maintenance instructions please refer to Miracle Sealants Care Guide. Refer to the Miracle Sealants Product Recommendation Chart for specific product recommendations.

Storage

Store **511 Spray-On Grout Sealer** in the original sealed container. Stored at 77° F (25° C), **511 Spray-On Grout Sealer** will have a shelf life of 24 months.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
 1-626-443-6433 1-800-350-1901 • Fax: 1-626-443-1435
Website: www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

Additional Product

Miracle Sealants Company offers a complete line of water and stain repellents, sealers, cleaners, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it-yourself specialist.

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein. Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Caution

511 Spray-On Grout Sealer contains combustible petroleum distillates. All solvents must be considered toxic and must be used in a well-ventilated area. Good ventilation means that fresh air is flowing in such a way as to feel a slight breeze. Open windows and use fans to circulate air. Continue to ventilate until vapors are eliminated. Exposure to high vapor concentration must be avoided. Inhaling the vapors can be harmful. Keep away from heat and open flames. Avoid prolonged contact with skin. Chemical resistant gloves should be worn at all times. Keep small children and pets out of the area until product or surface has thoroughly dried. Refer to the MSDS for additional information.

Safety Data Sheet



www.rustoleum.com.au

1. Identification

Product Name: MS GROUT SEALER AEROSOL 15OZ 6PK **Revision Date:** 31/08/2023

Name on Label: 511 Spray-On Grout Sealer **Supersedes Date:** 30/11/2018

Product Identifier: GRTSLRAEROCS

Product Use/Class: Clear Coat/Aerosol

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
11 Hawthorn Parkway
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

4% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Pressurized Container; may burst if heated.	H229	Pressurized container: may burst if heated.
Aspiration Hazard, category 1	H304	May be fatal if swallowed and enters airways.
Carcinogenicity, category 1B	H350	May cause cancer.
Flammable Aerosol, category 1	H222	Extremely flammable aerosol.
Gases under Pressure; Compressed Gas	H280	Contains gas under pressure; may explode if heated.
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.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P301+P316	IF SWALLOWED: Get emergency medical help immediately.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P331	Do NOT induce vomiting.

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 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>
Hydrotreated Light Distillate	64742-47-8	75-100	GHS08	H304
Naphtha, Hydrotreated Heavy	64742-48-9	2.5-10	GHS08	H304-340-350
n-Butyl Acetate	123-86-4	0.1-1.0	GHS02-GHS07	H226-336

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: 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: N.A.

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 FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. Full protective equipment including self-contained breathing apparatus should be used. 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.

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 contact with eyes, skin and 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	WHS WES TLV-TWA	WHS WES TLV-STEL
Hydrotreated Light Distillate	64742-47-8	100.0	N.E.	N.E.
Naphtha, Hydrotreated Heavy	64742-48-9	5.0	N.E.	N.E.
n-Butyl Acetate	123-86-4	1.0	50 ppm	150 ppm

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. 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:	Aerosolized Mist	Physical State:	Liquid
Odor:	Solvent Like	Odor Threshold:	N.E.
Specific Gravity:	0.773	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.	Explosive Limits, vol%:	1.0 - 6.0
Boiling Range, °C:	128 - 204	Flash Point, °C:	38
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: Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition. Avoid excess heat. Keep from freezing.

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

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: Irritating, and may injure eye tissue if not removed promptly.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: 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. 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: 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.

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
64742-48-9	Naphtha, Hydrotreated Heavy	>6000 mg/kg Rat	>5000 mg/kg Rabbit	N.E.
123-86-4	n-Butyl Acetate	10768 mg/kg Rat	>17600 mg/kg Rabbit	> 21 mg/L Rat

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: 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:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Algae</u>	<u>Daphnia/Aquatic</u>	<u>Fish</u>
64742-47-8	Hydrotreated Light Distillate	N.E.	N.E.	45 mg/L
64742-48-9	Naphtha, Hydrotreated Heavy	N.E.	N.E.	2200 mg/L
123-86-4	n-Butyl Acetate	674.7 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:

<u>Product/ingredient name</u>	<u>Octanol-water par. Coeff (log KOW)</u>	<u>Bio. Conc. Factor (BCF)</u>
Hydrotreated Light Distillate	N.I.	61 - 159 dimensionless
n-Butyl Acetate	1.81	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: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not incinerate closed containers.

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

No substances listed under the MARPOL regulations exist in this product.

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

No Capital Territory components exist in this product.

16. Other Information**SDS REVISION DATE:** 31/08/2023

REASON FOR REVISION: Revision Description Changed
Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
01 - Identification
02 - Hazard Identification
03 - Composition / Information on Ingredients
05 - Fire-Fighting Measures
09 - Physical & Chemical Properties
11 - Toxicological Information
12 - Ecological Information
14 - Transport Information
16 - Other Information
Substance Chemical Name 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

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.