

Material Safety Data Sheet

24 Hour Assistance
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Rust-Oleum Corporation
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Section 1 – Chemical Product / Company Information

Product Name STRUST SSPR 6PK LEAK SEAL BLACK **Revision Date** November 16, 2011

Identification Number 265494

Product Use/Class Leak Sealer/Maintenance

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

Preparer Regulatory Department

Section 2 – Composition / Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight % Less Than</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV- STEL</u>	<u>OSHA PEL- TWA</u>	<u>OSHA PEL- CEILING</u>
Calcium Carbonate	1317-65-3	50	10 mg/m ³	N.E.	15 mg/m ³	N.E.
Liquified Petroleum Gas	68476-86-8	10	1000 ppm	N.E.	800 ppm	N.E.
Petroleum Distillates	64742-89-8	10	N.E.	N.E.	N.E.	N.E.
Xylene	1330-20-7	10	100 ppm	150 ppm	100 ppm	N.E.
Methyl Acetate	79-20-9	10	200 ppm	250 ppm	200 ppm	N.E.
Dibutyl Phthalate	84-74-2	10	5 mg/m ³	N.E.	5 mg/m ³	N.E.
Ethylbenzene	100-41-4	10	20 ppm	125 ppm	100 ppm	N.E.

Section 3 – Hazards Identification

*** EMERGENCY OVERVIEW ***: Causes eye irritation. Causes skin irritation. Vapors may cause flash fire or explosion. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. CONTENTS UNDER PRESSURE! Inhalation of vapors or mists of this product may be irritating to the respiratory system. EXTREMELY FLAMMABLE AEROSOL

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CONTACT WITH EYES MAY CAUSE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis

(rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful. Avoid breathing mists from this product. Exposure to high doses may cause central nervous system depression (anesthetic-like effects). Doses which cause anesthetic-like effects may also cause adverse effects in liver, lungs, and kidneys.

EFFECTS OF OVEREXPOSURE - INGESTION: Ingestion is not considered to be a hazard encountered in normal industrial use. This material may be harmful or fatal if swallowed. Aspiration hazard.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Repeated contact with skin may irritate pre-existing skin conditions.

PRIMARY ROUTE(S) OF ENTRY:

INHALATION SKIN CONTACT EYE CONTACT INGESTION SKIN ABSORPTION

Section 4 – First Aid Measures

FIRST AID - EYE CONTACT: Holding eyelids open, flush eyes with running water for 5 minutes. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. Seek medical attention.

FIRST AID - SKIN CONTACT: Wash with soap and large amounts of water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before re-use.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Call physician immediately.

Section 5 – Fire Fighting Measures

Flash Point:	-156°F (closed cup)	Lower Explosion Limit:	0.6%
Autoignition Temp:	N.D.	Upper Explosion Limit:	16.0%
Flame Extension:	36"	Flash Back:	1"

Extinguishing Media: Film Forming Foam Carbon Dioxide Dry Chemical Dry Sand Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. Contents under pressure. Containers may explode if exposed to high temperatures.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Keep containers and surroundings cool with water spray. Beware

of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Section 7 – Handling and Storage

AEROSOL LEVEL: 2

HANDLING: Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks and flame. Keep from freezing. **KEEP OUT OF THE REACH OF CHILDREN!** Do not store above 120°F (49°C). Do not spray into open flame or near other sources of ignition. Do not store in direct sunlight, puncture, crush or incinerate container.

Section 8 – Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Impervious gloves should be used.

EYE PROTECTION: Wear safety glasses with side shields or goggles when using this product.

OTHER PROTECTIVE EQUIPMENT: STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 – Physical and Chemical Properties

Vapor Density	Heavier than Air	Odor:	Solvent
Appearance:	Black	Evaporation Rate:	Faster than Ether
Solubility in Water:	Negligible	Freeze Point:	N.D.

Specific Gravity:	1.1266	pH:	N.A.
Physical State:	Aerosol	Viscosity:	N.D.
VOC (wt %):	33.03%	MIR FCP:	<1.20
Boiling Range:	-23 – 645 °F		

Section 10 – Stability and Reactivity

CONDITIONS TO AVOID: ALL SOURCES OF IGNITION, WELDING ARCS, AND OPEN FLAMES. Keep product away from temperatures in excess of 120F (49C). Do not crush, puncture or incinerate container. Do not expose to direct sunlight or store where temperatures could exceed 120F.

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, OXIDES OF CARBON AND OXIDES OF NITROGEN, PHOSPHOROUS, AND/OR SULFUR ARE POSSIBLE. SMOKE, FUMES, OXIDES OF CARBON, NITROGEN, SILICA, AND VARIOUS METAL OXIDES ARE POSSIBLE DECOMPOSITION PRODUCTS.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

Section 11 – Toxicological Information

Product LD₅₀: 3500 mg/kg Product LC₅₀: 16000 ppm

Component Toxicological Information:

<u>Chemical Name</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Calcium Carbonate	N.E.	N.E.
Hydrocarbon Resin	N.D.	N.D.
Liquified Petroleum Gas	N.E.	658000 mg/m ³ (Rat, 4Hr)
Petroleum Distillates	N.E.	N.E.
Xylene	4300 mg/kg (Rat)	30000 mg/m ³ (Mammal)
Methyl Acetate	6970 mg/kg (Rat)	>16000 ppm (Rat, 4Hr)
SBS Block Copolymer	N.E.	N.E.
Dibutyl Phthalate	20-25 mg/kg (Rat)	N.E.
Ethylbenzene	3500 mg/kg (Rat)	N.E.
Organoclay	N.E.	N.E.

Section 12 – Ecological Information

Ecological Information: Product is a mixture of listed components.

Section 13 – Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

Section 14 – Transportation Information

	Domestic (USDOT)	International (IMDG)	Air (IATA)
Proper Shipping Name:	Consumer Commodity	Aerosols	Aerosols
Hazard Class:	ORM-D	2.1	2.1
UN Number:	N.A	UN1950	UN1950
Packing Group:	N.A	N.A.	N.A.
Limited Quantity:	No	Yes	Yes

Section 15 – Regulatory Information

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

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:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD
PRESSURIZED GAS HAZARD

SARA Section 313:

Listed below are the substances contained in this product that are 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 Number</u>	<u>Wt/Wt % (less than)</u>
Xylene	1330-20-7	1-10
Dibutyl Phthalate	84-74-2	1-10
Ethylbenzene	100-41-4	1-10

Toxic Substances Control Act:

Listed below are the substances contained in this product that are subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

<u>Chemical Name</u>	<u>CAS Number</u>
Methyl Acetate	79-20-9

U.S. State Regulations:

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product:

<u>Chemical Name</u>	<u>CAS Number</u>
Hydrocarbon Resin	Mixture

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%:

<u>Chemical Name</u>	<u>CAS Number</u>
Hydrocarbon Resin	Mixture
SBS Block Copolymer	9003-55-8

California Proposition 65:

Warning! This product contains the following chemicals known by the State of California to cause cancer, birth defects or other reproductive harm:

<u>Chemical Name</u>	<u>CAS Number</u>
Dibutyl Phthalate	84-74-2
Ethylbenzene	100-41-4
Toluene	108-88-3
Benzene	71-43-2

International Regulations:**Canadian WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Canadian WHMIS Class: AB5 D2A

Section 16 – Other Information

HMIS Ratings: Health: 2* Flammability: 4 Physical Hazard: 0 PPE: X

NFPA Ratings: Health: 2 Flammability: 4 Instability: 0

Volatile Organic Compounds, g/L: 373

Reason for Revision: Regulatory Update

Abbreviations: 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 material 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.