

(Material) Safety Data Sheet

Rust-Oleum Corporation

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Section 1 – Chemical Product / Company Information

Product Name	AUTORF LSPR 6PK RUBBER UNDERCOATING		
Identification Number	248657	Revision Date	12/12/08
Product Use/Class	Undercoat/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
Preparer	Regulatory Department	Reason for Revision	Regulatory Update

Section 2 – Composition / Information on Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Toluene	108-88-3	20.0	50 ppm	150 ppm	100 ppm	150 ppm
Calcium Carbonate	1317-65-3	15.0	10 mg/m ³	N.E.	15 mg/m ³	N.E.
Propane/Isobutane/ <i>n</i> -Butane	68476-86-8	20.0	1000 ppm	N.E.	800 ppm	N.E.
Asphalt	8052-42-4	5.0	5 mg/m ³	N.E.	N.E.	N.E.
Stoddard Solvent	8052-41-3	4.0	100 ppm	N.E.	100 ppm	500 ppm

Section 3 – Hazards Identification

*** EMERGENCY OVERVIEW ***: Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: 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 overexposure to vapor or skin exposure. Prolonged inhalation may be harmful.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed. If a corrosive product, may cause severe and permanent damage to mouth, throat and stomach.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause nervous system damage. Overexposure may cause lung damage. Overexposure may cause kidney damage. May cause liver disorder (e.g., edema, proteinuria) and damage.

PRIMARY ROUTE(S) OF ENTRY: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

Section 4 – First Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

FIRST AID - SKIN CONTACT: Wash with soap and water. 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.

FIRST AID - INGESTION: Get medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5 – Fire Fighting Measures

Flash Point	-156 F	Lower Explosive Limit	0.7%
		Upper Explosive Limit	9.5%

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: Alcohol Foam, CO₂, Dry Chemical Foam, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

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.

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

HANDLING: Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks and flame. Keep from freezing.

Section 8 – Exposure Controls / Personal Protection

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

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister is 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: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

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

Boiling Range:	-43 to 387°F	Vapor Density:	Heavier than Air
Odor:	Aromatic	Odor Threshold:	N.E.
Appearance:	Black Liquid	Evaporation Rate:	Faster than Ether
Solubility in Water:	Miscible	Specific Gravity:	0.9038
Freeze Point:	N.D.	pH:	N.D.
Vapor Pressure:	N.D.	Viscosity:	N.D.
Physical State:	Liquid	Flashpoint:	-156°F

Section 10– Stability And Reactivity

CONDITIONS TO AVOID: Avoid all sources of ignition, welding arcs, and open flames.

INCOMPATIBILITY: Incompatible with strong acids, alkalis, oxidizers, and amines.

HAZARDOUS DECOMPOSITION PRODUCTS: Will decompose into oxides of carbon, oxides of nitrogen and may produce forms of chloride, chlorine and phosgene.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

Section 11 – Toxicological Information

Product LD₅₀: 636 mg/kg

Product LC₅₀: 5500 ppm

Component Toxicological Information:

<u>Chemical Name</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Water	90000 mg/kg (Rat)	N.E.
Toluene	636 mg/kg (Rat)	49000 mg/m ³ (Rat, 4Hr)
Calcium Carbonate	N.E.	N.E.
Propane/Isobutane/ <i>n</i> -Butane	N.E.	658000 mg/m ³ (Rat, 4Hr)
Asphalt	N.E.	N.E.
Stoddard Solvent	> 5000 mg/kg (Rat)	> 5500 mg/m ³ (Rat, 4Hr)
Sorbitan Monooleate	40000 mg/kg (Rat)	N.E.
VM&P Naphtha	5840 mg/kg (Rat)	153000 mg/m ³ (Mouse)
Dock Resin	N.E.	N.E.
Carbon Black	> 15400 mg/kg (Rat)	N.E.
Solvent Naphtha	> 2 mL/kg (Rabbit)	> 590 mg/m ³ (Rat, 4Hr)
Xylene Isomers	4300 mg/kg (Rat)	30000 mg/m ³ (Mammal)
Nitrous Acid, Sodium Salt	180 mg/kg (Rat)	5500000 mg/m ³ (Rat, 4Hr)
Alkanolamines	2900 mg/kg (Rat)	TCLO
Ethylbenzene	3500 mg/kg (Rat)	N.E.
Lactol Spirits	> 5 g/kg (Rat)	> 5500 mg/m ³ (Rat, 4Hr)
Naphthalene	490 mg/kg (Rat)	> 340 mg/m ³ (Rat, 1Hr)
Black Solvent Codispersion	N.E.	N.E.
<i>n</i> -Heptane	> 7100 mg/kg (Rat)	103000 mg/m ³ (Rat, 4Hr)
Quartz Crystalline Silica	> 20 mg/kg (Rat)	N.E.
Benzene	930 mg.kg	N.E.
<i>n</i> -Octane	N.E.	118000 mg/m ³ (Rat, 4Hr)
1,2,4-Trimethylbenzene	5000 mg/kg (Rat)	3658 ppm (Rat, 4Hr)
1,2,3-Trimethylbenzene	N.E.	N.E.
1,3,5-Trimethylbenzene	N.E.	4878 ppm (Rat, 4Hr)

Section 12 – Ecological Information

No Information.

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

DOT Proper Shipping Name:	Consumer Commodity	Packing Group	N.A.
DOT Technical Name:	ORM-D	Hazard Subclass:	N.A.
DOT Hazard Class:	N.A.	Resp. Guide Page:	N.A.
DOT UN/NA Number:	N.A.		

Section 15 – Regulatory Information

U.S. FEDERAL REGULATIONS:

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

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
Toluene	108-88-3	20.0 %

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:

CHEMICAL NAME	CAS NUMBER
Stoddard Solvent	8052-41-3
VM&P Naphtha	8032-32-4
Solvent Naphtha	64742-94-5
Nitrous Acid, Sodium Salt	7632-00-0
<i>n</i> -Heptane	142-82-5

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:

CHEMICAL NAME	CAS NUMBER
Water	7732-18-5

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

CHEMICAL NAME	CAS NUMBER
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Water

7732-18-5

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS CLASS: AB5 D2A D2B

Section 16 – Other Information

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 4 PHYSICAL HAZARD: 0

LEGEND: N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State and Local laws and regu