

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 248656 AUTORF +LSPR
6PK AUTO PRO UNDERCOATING Revision Date 11/22/2010

Identification Number 248656

Product Use/Class Automotive Undercoating/Aerosols

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

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV-STEL	OSHA PEL- TWA	OSHA PEL- CEILING
Calcium Carbonate	1317-65-3	40%	10 mg/m ³	N.E.	15mg/m ³	N.E.
Propane/Isobutane/ n-Butane	68476-86-8	30%	N.E.	N.E.	N.E.	N.E.
Toluene	108-88-3	20%	20 ppm	N.E.	200 ppm	300 ppm
Methyl Acetate	79-20-9	20%	200 ppm	250 ppm	200 ppm	N.E.
2-Propanone	67-64-1	10%	750 ppm	1000 ppm	N.E.	N.E.
1,2- Benzenedicarboxyli c, Dibutyl Ester	84-74-2	10%	N.E.	5 mg/m ³	N.E.	N.E.

Section 3 – Hazards Identification

*** Emergency Overview ***: Contents Under Pressure. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. Vapors may cause flash fire or explosion. Harmful if swallowed. Extremely flammable liquid and vapor.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Prolonged or repeated contact may cause skin irritation. Substance may cause slight skin irritation.

Effects Of Overexposure - Inhalation: High vapor concentrations are irritating to the eyes, nose, throat and lungs. Avoid breathing vapors or mists. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Harmful if inhaled.

Effects Of Overexposure - Ingestion: Aspiration hazard if swallowed; can enter lungs and cause damage. Substance

may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, 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.

Primary Routes 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 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 with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: 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.

Section 5 – Fire Fighting Measures

Flash Point -156°F

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

Unusual Fire And Explosion Hazards: 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. FLASH POINT IS LESS THAN 20 °. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR! Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can.

Special Firefighting Procedures: Evacuate area and fight fire from a safe distance.

Section 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. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools.

Section 7 – Handling And Storage

Handling: Wash thoroughly after handling. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Use only in a well-ventilated area. Wash

hands before eating.

Storage: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Contents under pressure. Do not expose to heat or store above 120 ° F.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. 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 in any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection: Use impervious gloves to prevent skin contact and absorption of this material through the skin. 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 information regarding personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking.

Section 9 – Physical and Chemical Properties

Vapor Density	Heavier than Air	Odor:	Solvent like
Appearance:	Aerosolized Mist	Evaporation Rate:	Faster than Ether
Solubility in Water:	Slight	Freeze Point:	N.D.
Specific Gravity:	0.9756	pH:	N.A.
Physical State:	Liquid		

Section 10 – Stability and Reactivity

Conditions To Avoid: Avoid temperatures above 120 ° F. Avoid all possible sources of ignition. Flammable hydrogen gas will evolve when product comes in contact with water or damp air. Heat will be generated. The amount of heat generated will depend upon the volume of material in contact.

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

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes. By open flame, carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section 11 – Toxicological Information

<u>Chemical Name</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Calcium Carbonate	N.E.	N.E.
Propane/Isobutane/n-Butane	N.E.	N.E.
Toluene	636 mg/kg/ rat	49000 mg/m ³ /4 h/ Rat
Methyl Acetate	6970 mg/kg/ rat	>16000 ppm /4h/Rat
Hydrocarbon Resin	N.E.	N.E.
2-Propanone	5800 mg/kg/rat	50100 mg/m ³ /8 h/rat
1,2-Benzenedicarboxylic, Dibutyl Ester	20-25 g/kg rat	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

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 (if any) 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>
Toluene	108-88-3
1,2-Benzenedicarboxylic, Dibutyl Ester	84-74-2

Toxic Substances Control Act:

Listed below are the substances (if any) 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>
None	

U.S. State Regulations:**New Jersey Right-to-Know:**

The following materials are nonhazardous, but are among the top five components in this product:

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

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	Proprietary

California Proposition 65:

Warning! This product contains a chemical(s) known by the State of California to cause cancer.

Warning! This product contains a chemical(s) known by the State of California to cause birth defects or other reproductive harm.

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 D2B

Section 16 – Other Information

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

Volatile Organic Compounds, g/L: 374 g/L

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.