

ACTIO MSDS ID: 34847

**View Section :** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

(N/A)

Product Name: **Gray Primer Spray**  
 Distributor Name: Rust-Oleum Corporation  
 Distributor Address: 11 Hawthorn Parkway  
 Vernon Hills, Illinois  
 60061 USA  
 Distributor Telephone: (847) 367-7700 Rust-Oleum Corporation  
 Distributor Hours: Mon.-Fri, 8:00 AM-4:30 PM  
 Hours Of Operation: Mon.-Fri, 8:00 AM-4:30 PM  
 Revision Date: 12/01/98  
 Manufacturer Name: Rust-Oleum Corporation  
 Address: 11 Hawthorn Parkway  
 Vernon Hills, Illinois  
 60061 USA

General Use: OVERALL  
 Product Description: PRODUCT CLASS: OVERALL

Business Phone: (847) 367-7700 Rust-Oleum Corporation  
 PREPARER: LJW  
 Product Codes: V2401 830-IH

**HMIS**

<b>HEALTH</b>	<b>2</b>
<b>FIRE</b>	<b>4</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PPE</b>	

[To Top of page](#)

**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

: (N/A)

<b>Ingredient Name</b>	<b>CAS#</b>	<b>Ingredient Percent</b>
XYLENE	1330-20-7	< 30.0 % by Weight
OSHA PEL TWA:	100 PPM	
OSHA STEL/Ceiling:	CEILING: Not Established	
ACGIH TLV TWA:	100 PPM	
ACGIH STEL/Ceiling:	STEL: 150 PPM	
EC Index Number:	1	
Other Exposure Guidelines:	MEXICAN TLV-TWA: Not Established SKIN: NO	
LIQUIFIED PETROLEUM GAS	68476-85-7	< 25.0 % by Weight
OSHA PEL TWA:	1000 PPM	
OSHA STEL/Ceiling:	CEILING: Not Established	
ACGIH TLV TWA:	1000 PPM	
ACGIH STEL/Ceiling:	STEL: Not Established	
EC Index Number:	1	
Other Exposure Guidelines:	MEXICAN TLV-TWA: Not Established SKIN: NO	
ACETONE	67-64-1	< 15.0 % by Weight
OSHA PEL TWA:	750 PPM	
OSHA STEL/Ceiling:	CEILING: Not Established	
ACGIH TLV TWA:	750 PPM	

ACGIH STEL/Ceiling: STEL: 1000 PPM  
 EC Index Number: 1  
 Other Exposure Guidelines: MEXICAN TLV-TWA: Not Established  
 SKIN: NO

COPOLYMER ALKYL D RESIN SOLUTION PROPRIETARY < 10.0 % by Weight  
 OSHA PEL TWA: Not Established  
 OSHA STEL/Ceiling: CEILING: Not Established  
 ACGIH TLV TWA: Not Established  
 ACGIH STEL/Ceiling: STEL: Not Established  
 EC Index Number: 1  
 Other Exposure Guidelines: MEXICAN TLV-TWA: Not Established  
 SKIN: NO

ETHYLBENZENE 100-41-4 < 10.0 % by Weight  
 OSHA PEL TWA: 100 PPM  
 OSHA STEL/Ceiling: CEILING: Not Established  
 ACGIH TLV TWA: 100 PPM  
 ACGIH STEL/Ceiling: STEL: 125 PPM  
 EC Index Number: 1  
 Other Exposure Guidelines: MEXICAN TLV-TWA: Not Established  
 SKIN: NO

Calcium Carbonate 1317-65-3 < 10.0 % by Weight  
 OSHA PEL TWA: 15 mg/m3  
 OSHA STEL/Ceiling: CEILING: Not Established  
 ACGIH TLV TWA: 10 mg/m3  
 ACGIH STEL/Ceiling: STEL: Not Established  
 EC Index Number: 1  
 Other Exposure Guidelines: MEXICAN TLV-TWA: Not Established  
 SKIN: NO

Magnesium Silicate 14807-96-6 < 5.0 % by Weight  
 OSHA PEL TWA: 15 mg/m3  
 OSHA STEL/Ceiling: CEILING: Not Established  
 ACGIH TLV TWA: 10 mg/m3  
 ACGIH STEL/Ceiling: STEL: Not Established  
 EC Index Number: 1  
 Other Exposure Guidelines: MEXICAN TLV-TWA: Not Established  
 SKIN: NO

Titanium Dioxide 13463-67-7 < 5.0 % by Weight  
 OSHA PEL TWA: 15 mg/m3  
 OSHA STEL/Ceiling: CEILING: Not Established  
 ACGIH TLV TWA: 10 mg/m3  
 ACGIH STEL/Ceiling: STEL: Not Established  
 EC Index Number: 1  
 Other Exposure Guidelines: MEXICAN TLV-TWA: Not Established  
 SKIN: NO

VM&P NAPHTHA 64742-89-8 < 5.0 % by Weight  
 OSHA PEL TWA: 300 PPM  
 OSHA STEL/Ceiling: CEILING: Not Established  
 ACGIH TLV TWA: 300 PPM  
 ACGIH STEL/Ceiling: STEL: Not Established  
 EC Index Number: 1  
 Other Exposure Guidelines: MEXICAN TLV-TWA: Not Established  
 SKIN: NO

(See Section 16 for abbreviation legend)

[To Top of page](#)



**SECTION 3 : HAZARDS IDENTIFICATION**

: (N/A)

**Emergency Overview:** Harmful if inhaled. Harmful if swallowed. Extremely flammable liquid and vapor. Vapors may cause flash fire or explosion.

**Applies to All Ingredients:**

**Route of Exposure:** SKIN ABSORPTION, INHALATION, EYE CONTACT

**Potential Health Effects:**

**Eye Contact:** Causes eye irritation.

**Skin Contact:** Substance may cause slight skin irritation. Prolonged or repeated contact may cause skin irritation.

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

**Ingestion:** Substance may be harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

**Chronic Health Effects:** 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 hearing loss.

[To Top of page](#)**SECTION 4 : FIRST AID MEASURES**

: (N/A)

**Eye Contact:** Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Inhalation:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**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.

[To Top of page](#)**SECTION 5 : FIRE FIGHTING MEASURES**

: (N/A)

**Flash Point:** Not Applicable

**Upper Flammable or Explosive Limit:** 12.8 %

**Lower Flammable or Explosive Limit:** 0.9 %

**Auto Ignition Temperature:** Not Determined

**Extinguishing Media:** DRY CHEMICAL, FOAM, WATER FOG

**Fire Fighting Instructions:** Evacuate area and fight fire from a safe distance.

**Unusual Fire Hazards:** FLASH POINT IS LESS THAN 20 Deg. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. 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. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. Closed containers may explode when exposed to extreme heat.

[To Top of page](#)**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

: (N/A)

**Spill Cleanup Measures:** Evacuate the area, remove all sources of ignition and ventilate well. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. 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.

[To Top of page](#)



## SECTION 7 : HANDLING and STORAGE

: (N/A)

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

**Storage:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120 deg 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 deg F.

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

[To Top of page](#)



## SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

: (N/A)

**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.

**Skin Protection Description:** 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/Face Protection:** Use safety eyewear designed to protect against splash of liquids.

**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 any other circumstances where air purifying respirators may not provide adequate protection.

**Other Protective:** 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.

[To Top of page](#)



## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

: (N/A)

**Physical State/Appearance:** LIQUID

**Odor:** SOLVENT

**Physical State:** LIQUID

**pH:** @ 0.0 %: Not Determined

**Vapor Pressure:** Not Determined

**Vapor Density:** Is heavier than air

**Boiling Point:** -34 - 291 deg F

**Freezing Point:** Not Determined

**Solubility:** IN H2O: SLIGHT

**Specific Gravity:** 0.9144

Evaporation Point:	Is faster than Ether
Viscosity:	Not Determined
Odor Threshold:	Not Determined
Coefficient of Water/Oil Distribution:	Not Determined
	(See Section 16 for abbreviation legend)

[To Top of page](#)




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## SECTION 10 : STABILITY and REACTIVITY

: (N/A)

Chemical Stability:	This product is stable under normal storage conditions.
Conditions to Avoid:	Avoid temperatures above 120 deg F. Avoid all possible sources of ignition.
Incompatibilities with Other Materials:	Incompatible with strong oxidizing agents, strong acids and strong alkalies.
Hazardous Polymerization:	Will not occur under normal conditions.
Hazardous Decomposition Products:	By open flame, carbon monoxide and carbon dioxide.

[To Top of page](#)




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## SECTION 11 : TOXICOLOGICAL INFORMATION

: (N/A)

### **XYLENE :**

Acute Health Effects:	LD50: RAT 4300 MG/KG
Inhalation Effects:	LC50: RAT 5000 PPM 4HR

### **LIQUIFIED PETROLEUM GAS :**

Acute Health Effects:	LD50: Not Established
Inhalation Effects:	LC50: Not Established

### **ACETONE :**

Acute Health Effects:	LD50: RAT 5800 MG/KG
Inhalation Effects:	LC50: RAT 50100 MG/M <sup>3</sup> 8H

### **COPOLYMER ALKYL D RESIN SOLUTION :**

Acute Health Effects:	LD50: 4300 MG/KG
Inhalation Effects:	LC50: RAT 5000 PPM 4HR

### **ETHYLBENZENE :**

Acute Health Effects:	LD50: RAT 3500 MG/KG
Inhalation Effects:	LC50: Not Applicable

### **Calcium Carbonate :**

Acute Health Effects:	LD50: None
Inhalation Effects:	LC50: None

### **Magnesium Silicate :**

Acute Health Effects:	LD50: None
Inhalation Effects:	LC50: None

### **Titanium Dioxide :**

Acute Health Effects:	LD50: Not Applicable
Inhalation Effects:	LC50: TClO: 250 mg/m <sup>3</sup> inh

### **VM&P NAPHTHA :**

Acute Health Effects:	LD50: Not Determined
Inhalation Effects:	LC50: Not Determined

[To Top of page](#)




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## SECTION 12 : ECOLOGICAL INFORMATION

: (N/A)

Ecological Paragraph:	Product is a mixture of listed components.
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[To Top of page](#)**SECTION 13 : DISPOSAL CONSIDERATIONS**

: (N/A)

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

[To Top of page](#)**SECTION 14 : TRANSPORT INFORMATION**

: (N/A)

**DOT Shipping Information:** HAZARD SUBCLASS: 1  
 RESP. GUIDE PAGE: 126

**DOT Shipping Name:** AEROSOL  
**DOT UN Number:** UN1950  
**DOT Hazard Class:** 2

[To Top of page](#)**SECTION 15 : REGULATORY INFORMATION**

: (N/A)

**Applies to all ingredients:**

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

**Section 312 Hazard Category:** CHEMICAL NAME; CAS NUMBER: No information is available.  
 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:

**Acute:** Yes  
**Chronic:** Yes  
**Fire:** Yes

**Section 313 Toxic Release Form:** 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:

**OSHA 29 CFR 1200:** CHEMICAL NAME: XYLENE  
 CAS NUMBER: 1330-20-7  
 WT/WT %: < 30.0 %

**State:** CHEMICAL NAME: ETHYLBENZENE  
 CAS NUMBER: 100-41-4  
 WT/WT %: < 10.0 %  
 Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)  
**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: No non-hazardous materials are among the top five ingredients.

**PENNSYLVANIA RIGHT-TO-KNOW:**  
 The following non-hazardous ingredients are present in the product at greater than 3%:  
 CHEMICAL NAME; CAS NUMBER: No non-hazardous ingredients are present at greater than 3%.

**CALIFORNIA PROPOSITION 65:**  
**WARNING:** The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

CHEMICAL NAME: TOLUENE  
CAS NUMBER: 108-88-3

Canada WHMIS:

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

CANADIAN WHMIS CLASS: A B5 D2A

[To Top of page](#)



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## SECTION 16 : ADDITIONAL INFORMATION

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: (N/A)

### HMIS:

Health Hazard: 2\*  
Fire Hazard: 4  
Reactivity: 0  
MSDS Revision Date: 12/01/98  
MSDS Author: LJW

### Disclaimer:

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 regulations.

### LEGEND:

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

: No Information.

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[To Top of page](#)

