

# Material Safety Data Sheet

24 Hour Assistance:  
1-847-367-7700  
Rust-Oleum Corp.  
www.rustoleum.com

## Section 1 - Chemical Product / Company Information

Product Name: IC LSPR 12PK MARKING CHALK - APWA ORANGE  
Revision Date: 10/28/2009

Identification Number: 205233

Product Use/Class: Marking Chalk/Aerosol

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

## 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
Liquefied Petroleum Gas	68476-86-8	25.0		N.E.	N.E.	N.E.	N.E.
Aliphatic Hydrocarbon	64742-89-8	15.0		N.E.	N.E.	300 ppm	N.E.
Acetone	67-64-1	15.0		500 ppm	750 ppm	1000 ppm	N.E.
Titanium Dioxide	13463-67-7	5.0		10 mg/m3	N.E.	15 mg/m3 (Total Dust)	N.E.
Xylene	1330-20-7	5.0		100 ppm	150 ppm	100 ppm	N.E.
Magnesium Silicate	14807-96-6	5.0		2 mg/m3	N.E.	0.1 mg/m3 (Respirable)	N.E.
Ethylbenzene	100-41-4	1.0		100 ppm	125 ppm	100 ppm	N.E.
Methyl Ethyl Ketoxime	96-29-7	0.1		N.E.	N.E.	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: Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B- "Possibly carcinogenic to humans" by IARC. Significant exposure is not anticipated during brush application or

**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

Boiling Range:	-44 - 399 F	Vapor Density:	Heavier than air
Odor:	Solvent Like	Odor Threshold:	N.E.
Appearance:	Aerosolized Mist	Evaporation Rate:	Faster than ether
Solubility in H <sub>2</sub> O:	Slight	Specific Gravity:	0.826
Freeze Point:	N.D.	PH:	N.A.
Vapor Pressure:	N.D.		
Physical State:	Liquid		

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

**Conditions To Avoid:** Avoid temperatures above 120 ° F. Avoid all possible sources of ignition.

**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.

Xylene  
Ethylbenzene

1330-20-7  
100-41-4

**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:

It is the policy of Rust-Oleum Corporation to use only TSCA compliant materials in its products.

**U.S. State Regulations: As follows -****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>
Water	7732-18-5
Calcium Carbonate	1317-65-3

**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>
Water	7732-18-5
Calcium Carbonate	1317-65-3

**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 to the State of California to cause birth defects or other reproductive harm.

**International Regulations: As follows -****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****HMIS Ratings:**

Health: 2\*                      Flammability: 4                      Reactivity: 0                      Personal Protection: X

**REASON FOR REVISION: Regulatory Update**

**Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined**