

# 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: ARMCT 2X946ML RP FIRE RED      Revision Date: 04/09/2010  
Identification Number: 255726  
Product Use/Class: Topcoat / Alkyd  
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		ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL CEILING
		Than					
Mineral Spirits	64742-88-7	40.0		100 ppm	N.E.	100 ppm	N.E.
Titanium Dioxide	13463-67-7	5.0		10 mg/m3	N.E.	15 mg/m3 (Total Dust)	N.E.
Hydrotreated Light Distillate	64742-47-8	5.0		200 mg/m3	N.E.	N.E.	N.E.
Ethylbenzene	100-41-4	1.0		100 ppm	125 ppm	100 ppm	N.E.

## Section 3 - Hazards Identification

\*\*\* Emergency Overview \*\*\*: No Information.

Effects Of Overexposure - Eye Contact: No Information.

Effects Of Overexposure - Skin Contact: No Information.

Effects Of Overexposure - Inhalation: No Information.

Effects Of Overexposure - Ingestion: No Information.

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 drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

## Section 4 - First Aid Measures

First Aid - Eye Contact: No Information.

First Aid - Skin Contact: No Information.

First Aid - Inhalation: No Information.

First Aid - Ingestion: No Information.

## **Section 5 - Fire Fighting Measures**

Flash Point: 104 F  
(Setaflash)

LOWER EXPLOSIVE LIMIT: 0.5 %  
UPPER EXPLOSIVE LIMIT : 8.9 %

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

Unusual Fire And Explosion Hazards: No unusual Hazards

Special Firefighting Procedures: No Information.

## **Section 6 - Accidental Release Measures**

Steps To Be Taken If Material Is Released Or Spilled: Isolate and dispose of in accordance with state and federal regulations.

## **Section 7 - Handling And Storage**

Handling: No Information.

Storage: No Information.

## **Section 8 - Exposure Controls / Personal Protection**

Engineering Controls: No Information.

Respiratory Protection: No Information.

Skin Protection: No Information.

Eye Protection: No Information.

Other protective equipment: No Information.

Hygienic Practices: No Information.

## **Section 9 - Physical And Chemical Properties**

Boiling Range: 212 - 415 F  
Odor: Mild  
Appearance: Liquid  
Solubility in H2O: Slight

Vapor Density: Heavier than Air  
Odor Threshold: N.E.  
Evaporation Rate: Slower than Ether

Freeze Point:	N.D.	Specific Gravity:	0.959
Vapor Pressure:	N.D.	PH:	N.A.
Physical State:	Liquid		

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

Conditions To Avoid: No Information.

Incompatibility: No Information.

Hazardous Decomposition: Will not occur under normal conditions

Hazardous Polymerization: Will not occur under normal conditions

Stability: Stable under normal conditions

## Section 11 - Toxicological Information

Product LD50: N.D.

Product LC50: N.D.

### Chemical Name

Mineral Spirits

Titanium Dioxide

Hydrotreated Light Distillate

Ethylbenzene

### LD50

>8 mg/kg (Rat, Oral)

>7500 mg/kg (Rat, Oral)

>3160 mg/kg (Skin)

3500 mg/kg (Rat, Oral)

### LC50

>1400 ppm (Rat, Inhalation, 4Hr)

N.E.

N.E.

N.E.

## Section 12 - Ecological Information

Ecological Information: No Information.

## Section 13 - Disposal Information

Disposal Information: Dispose of in accordance with state and federal regulations

## Section 14 - Transportation Information

DOT Proper Shipping Name:	Paint
DOT Technical Name:	N.A.
DOT Hazard Class:	3
DOT UN/NA Number:	UN1263

Packing Group:	III
Hazard Subclass:	N.A.
Resp. Guide Page:	128

## 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

**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:

**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.

<b><u>Chemical Name</u></b>	<b><u>CAS Number</u></b>
Tall Oil Alkyd Resin	PROPRIETARY
Alkyd Resin	PROPRIETARY
Pigment Red 170	2786-76-7
Yellow Iron Oxide	51274-00-1

**Pennsylvania Right-to-Know:**

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

<b><u>Chemical Name</u></b>	<b><u>CAS Number</u></b>
Tall Oil Alkyd Resin	PROPRIETARY
Alkyd Resin	PROPRIETARY
Pigment Red 170	2786-76-7
Yellow Iron Oxide	51274-00-1

**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:** B3 D2A D2B

## Section 16 - Other Information

**HMIS Ratings:**

Health: 2\*

Flammability: 2

Reactivity: 0

Personal Protection: X

**REASON FOR REVISION:** Regulatory Update**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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.