

# Safety Data Sheet



## 1. Identification

**Name on Label:** Industrial Choice Marking Chalk

**Product Name:** IC LSPR 12PK MARKING CHALK - APWA RED

**Revision Date:** 11/3/2025

**Product Identifier:** 205235

**Supersedes Date:** 6/11/2025

**Recommended Use:** 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

Rust-Oleum Canada (ROCA)  
200 Confederation Parkway  
Concord, ON L4K 4T8  
Canada  
Emergency Phone: 800-387-3625

**Preparer:** Regulatory Department

**Emergency Telephone:** 24 Hour Hotline: 847-367-7700

## 2. Hazard Identification

### Classification

#### Symbol(s) of Product



#### Signal Word

Danger

#### Possible Hazards

32% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS Hazard Statements

|                             |      |   |
|-----------------------------|------|---|
| Aerosol, category 1         | H222 | Extremely flammable aerosol.                |
|                             | H229 | Pressurized container: may burst if heated. |
| Eye Irritation, category 2A | H319 | Causes serious eye irritation.              |
| Carcinogenicity, category 2 | H351 | Suspected of causing cancer.                |

#### GHS Label Precautionary Statements

|      |  |
|------|--|
| P201 | Obtain special instructions before use.  |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source.  |
| P251 | Do not pierce or burn, even after use.   |

Industrial Choice Marking Chalk Large Spray

|                |  |
|----------------|--|
| P264           | Wash thoroughly after handling.  |
| P280           | Wear protective gloves, protective clothing, eye protection, and face protection.  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313      | IF exposed or concerned: Get medical advice.   |
| P337+P317      | If eye irritation persists: Get medical help.  |
| P405           | Store locked up.   |
| P410+P412      | Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.   |
| P501           | Dispose of contents and container in accordance with local, regional and national regulations.                                   |

### 3. Composition / Information on Ingredients

#### HAZARDOUS SUBSTANCES

| <u>Chemical Name</u>                   | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|--|----------------|-------------------|--------------------|-----------------------|
| Propane                                | 74-98-6        | 10-30             | GHS04              | H280                  |
| Acetone                                | 67-64-1        | 7.0-13            | GHS02-GHS07        | H225-319-332-336      |
| Naphtha, Petroleum, Hydrotreated Light | 64742-49-0     | 7.0-13            | GHS08              | H304                  |
| n-Butane                               | 106-97-8       | 5.0-10            | GHS04              | H280                  |
| Xylenes (o-, m-, p- Isomers)           | 1330-20-7      | 1.0-5.0           | GHS02-GHS07-GHS08  | H226-304-315-319-332  |
| Hydrous Magnesium Silicate             | 14807-96-6     | 1.0-5.0           | Not Available      | Not Available         |
| Titanium Dioxide                       | 13463-67-7     | 1.0-5.0           | Not Available      | Not Available         |
| Pigment Red 170                        | 2786-76-7      | 0.5-1.5           | Not Available      | Not Available         |
| Pigment Red 101                        | 1309-37-1      | 0.5-1.5           | Not Available      | Not Available         |
| Ethylbenzene                           | 100-41-4       | 0.1-1.0           | GHS02-GHS07-GHS08  | H225-304-332-351-373  |

Actual concentrations of ingredients are withheld as trade secret.

### 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. Remove contact lenses, if present and easy to do. Continue rinsing.

**First Aid - Skin Contact:** Wash skin with soap and water. Remove contaminated clothing. 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. Do NOT use mouth-to-mouth resuscitation. 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:** If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

### 5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Aqueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Water Fog

**Unusual Fire and Explosion Hazards:** FLASH POINT IS LESS THAN -7°C (20°F). EXTREMELY FLAMMABLE LIQUID AND VAPOR! 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. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can.

**Special Fire Fighting Procedures:** Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

**Special Fire and Explosion Hazard (Combustible Dust):** Not a combustible dust.

## 6. Accidental Release Measures

**Steps to Be Taken If Material Is Released or Spilled:** If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers. 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.

## 7. Handling and Storage

**Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Do not get in eyes, on skin or clothing. Do not puncture or incinerate (burn) container, even after use.

**Storage:** Contents under pressure. Do not store above 120°F (49°C). Store large quantities in buildings designed and protected for storage of flammable aerosols. Keep away from heat, sparks, flame and sources of ignition.

**Advice on Safe Handling of Combustible Dust:** No Information

## 8. Exposure Controls / Personal Protection

| Chemical Name                             | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|---|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Propane                                   | 74-98-6    | 20.0                  | N.E.              | N.E.               | 1000 ppm     | N.E.                 |
| Acetone                                   | 67-64-1    | 15.0                  | 250 ppm           | 500 ppm            | 1000 ppm     | N.E.                 |
| Naphtha, Petroleum,<br>Hydrotreated Light | 64742-49-0 | 15.0                  | 100 ppm           | N.E.               | N.E.         | N.E.                 |
| n-Butane                                  | 106-97-8   | 10.0                  | N.E.              | 1000 ppm           | N.E.         | N.E.                 |
| Xylenes (o-, m-, p- Isomers)              | 1330-20-7  | 5.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Hydrous Magnesium Silicate                | 14807-96-6 | 5.0                   | 2 mg/m3           | N.E.               | 20 mppcf     | N.E.                 |
| Titanium Dioxide                          | 13463-67-7 | 5.0                   | 0.2 mg/m3         | N.E.               | 15 mg/m3     | N.E.                 |
| Pigment Red 170                           | 2786-76-7  | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Pigment Red 101                           | 1309-37-1  | 5.0                   | 5 mg/m3           | N.E.               | 10 mg/m3     | N.E.                 |
| Ethylbenzene                              | 100-41-4   | 1.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |

### PERSONAL PROTECTION

**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. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**Respiratory Protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 (U.S.) and/or SOR/86-304 Part XII 12.13 and CSA Standard Z180.1 (Canada) requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**Skin Protection:** Use gloves to prevent prolonged skin contact. 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 guidance regarding types of personal protective equipment and their applications.

**Hygienic Practices:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

**Engineering Measures for Combustible Dust:** No Information

## 9. Physical and Chemical Properties

|                                    |                     |  |                   |
|------------------------------------|---------------------|--|-------------------|
| Physical State                     | Liquid              | Decomposition Temperature, °C          | N.D.              |
| Color                              | Red                 | pH                                     | N.A.              |
| Odor                               | Solvent Like        | Kinematic Viscosity                    | N.D.              |
| Odor Threshold                     | N.E.                | Solubility in Water                    | Slight            |
| Freezing Point / Melting Point, °C | N.D.                | Partition Coefficient, n-octanol/water | N.D.              |
| Boiling Range, °C                  | -44 - 537           | Vapor Pressure                         | N.D.              |
| Flammability                       | Supports Combustion | Evaporation Rate                       | Faster than Ether |
| Lower Explosion Limit, vol%        | 0.9                 | Specific Gravity                       | 0.826             |
| Upper Explosion Limit, vol%        | 13.0                | Vapor Density                          | Heavier than air  |
| Flash Point, °C                    | -104                | Particle Characteristics               | N.A.              |
| Auto-Ignition Temperature, °C      | N.D.                |  |                   |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**Conditions to Avoid:** Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition. Avoid excess heat.

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

**Hazardous Decomposition:** When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Stability:** This product is stable under normal storage conditions.

## 11. Toxicological Information

**Effects of Overexposure - Eye Contact:** Can cause severe eye irritation. Causes eye and skin irritation which may lead to dermatitis with repeated exposures. Irritating, and may injure eye tissue if not removed promptly.

**Effects of Overexposure - Skin Contact:** Low hazard for usual industrial handling or commercial handling by trained personnel.

**Effects of Overexposure - Inhalation:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Constituents of this product include crystalline silica dust which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

**Effects of Overexposure - Ingestion:** Substance may be harmful if swallowed.

**Effects of Overexposure - Chronic Hazards:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, 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. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints 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. (Ref: IARC Monograph, Vol. 93, 2010)

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

### ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| CAS-No.    | Chemical Name                          | Oral LD50       | Dermal LD50         | Vapor LC50     |
|------------|--|-----------------|---------------------|----------------|
| 67-64-1    | Acetone                                | 5800 mg/kg Rat  | >15700 mg/kg Rabbit | 50.1 mg/L Rat  |
| 64742-49-0 | Naphtha, Petroleum, Hydrotreated Light | >5000 mg/kg Rat | >3160 mg/kg Rabbit  | >4951 mg/L Rat |
| 106-97-8   | n-Butane                               | N.E.            | N.E.                | 658 mg/L Rat   |

Industrial Choice Marking Chalk Large Spray

|            |                              |                  |                    |                |
|------------|------------------------------|------------------|--------------------|----------------|
| 1330-20-7  | Xylenes (o-, m-, p- Isomers) | 3500 mg/kg Rat   | >4350 mg/kg Rabbit | 29.08 mg/L Rat |
| 14807-96-6 | Hydrous Magnesium Silicate   | 6000             | >2000 mg/kg Rabbit | 30             |
| 13463-67-7 | Titanium Dioxide             | >2000 mg/kg Rat  | 6000               | N.E.           |
| 2786-76-7  | Pigment Red 170              | N.E.             | >2000 mg/kg Rat    | N.E.           |
| 1309-37-1  | Pigment Red 101              | >10000 mg/kg Rat | N.E.               | N.E.           |
| 100-41-4   | Ethylbenzene                 | 3500 mg/kg Rat   | 15400 mg/kg Rabbit | 17.4 mg/L Rat  |

N.E. - Not Established

## 12. Ecological Information

**Ecological Information:** No ecotoxicity data was found for this product.

## 13. Disposal Considerations

**Disposal:** Do not incinerate closed containers. Dispose of material in accordance to local, state, and federal regulations and ordinances. This product as supplied is a US EPA defined ignitable hazardous waste. Dispose of unusable product as a hazardous waste (D001) in accordance with local, state, and federal regulation.

## 14. Transport Information

|                              | <u>Domestic (USDOT)</u>                     | <u>International (IMDG)</u> | <u>Air (IATA)</u>   | <u>TDG (Canada)</u> |
|------------------------------|---|-----------------------------|---------------------|---------------------|
| <b>UN Number:</b>            | N.A.  | 1950                        | 1950                | 1950                |
| <b>Proper Shipping Name:</b> | Paint and Related Spray Products in Ltd Qty | Aerosols                    | Aerosols, flammable | AEROSOLS, flammable |
| <b>Hazard Class:</b>         | N.A.  | 2                           | 2.1                 | 2.1                 |
| <b>Packing Group:</b>        | N.A.  | N.A.                        | N.A.                | N.A.                |
| <b>Limited Quantity:</b>     | Yes   | Yes                         | Yes                 | Yes                 |

## 15. Regulatory Information

### U.S. Federal Regulations:

#### 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:

Carcinogenicity, Serious eye damage or eye irritation

#### SARA Section 313

This product contains the following substances 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-No.</u> |
|--|----------------|
| Xylenes (o-, m-, p- Isomers)   | 1330-20-7      |
| Ethylbenzene   | 100-41-4       |
| Copper phthalocyaninesulfonic acid, dioctadecyldimethylammonium salt | 70750-63-9     |

#### 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:

No TSCA 12(b) components exist in this product.

**16. Other Information****HMIS RATINGS**

**Health:** 2\*      **Flammability:** 4      **Physical Hazard:** 0      **Personal Protection:** X

**NFPA RATINGS**

**Health:** 2      **Flammability:** 4      **Instability:** 0

**Maximum Incremental Reactivity:** 0.70

**SDS REVISION DATE:** 11/3/2025

**REASON FOR REVISION:** Substance Hazard Threshold % Changed  
Substance and/or Product Properties Changed in  
Section(s):  
02 - Hazard Identification  
03 - Composition / Information on Ingredients  
15 - Regulatory Information  
Revision Statement(s) Changed

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

The manufacturer 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 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. The manufacturer 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.