

Safety Data Sheet



1. Identification

| | | | |
|-----------------------------|---|-------------------------|--|
| Name on Label: | Industrial Choice Construction Marking Paint Fluorescent Red-Orange | | |
| Product Name: | IC LSPR 12PK MARK CONST FLUOR RED ORANGE | Revision Date: | 1/2/2025 |
| Product Identifier: | 264699 | Supersedes Date: | 12/16/2022 |
| Recommended Use: | Marking Paint/Aerosols | | |
| 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. Hazards Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

29% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS Hazard Statements

| | | |
|-------------------------------------|------|--|
| Flammable Aerosol, category 1 | H222 | Extremely flammable aerosol. |
| Pressurized Container | H229 | Pressurized container: may burst if heated. |
| Carcinogenicity, category 2 | H351 | Suspected of causing cancer. |
| STOT, Repeated Exposure, category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |

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. |
| P260 | Do not breathe dust/fumes/gas/mist/vapours/spray. |

| | |
|-----------|--|
| P280 | Wear protective gloves / protective clothing / eye protection / face protection. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P314 | Get medical advice/attention if you feel unwell. |
| 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 |
| n-Butane | 106-97-8 | 5.0-10 | GHS04 | H280 |
| Hydrotreated Light Distillate | 64742-47-8 | 3.0-7.0 | GHS08 | H304 |
| Naphtha, Petroleum, Hydrotreated Light | 64742-49-0 | 1.0-5.0 | GHS08 | H304 |
| Xylenes (o-, m-, p- Isomers) | 1330-20-7 | 1.0-5.0 | GHS02-GHS07 | H226-315-319-332 |
| Barium Sulfate | 7727-43-7 | 1.0-5.0 | GHS07 | H332 |
| n-Butyl Acetate | 123-86-4 | 1.0-5.0 | GHS02-GHS07 | H226-336 |
| Propylene Glycol | 57-55-6 | 1.0-5.0 | Not Available | Not Available |
| Ethylbenzene | 100-41-4 | 0.5-1.5 | GHS02-GHS07- GHS08 | H225-304-332-351-373 |
| Mineral Spirits | 64742-88-7 | 0.1-1.0 | GHS08 | H304-372 |
| Stoddard Solvent | 8052-41-3 | 0.1-1.0 | GHS08 | H304-372 |
| Octane | 111-65-9 | 0.1-1.0 | GHS02-GHS07- GHS08 | H225-304-315-336 |
| n-Heptane | 142-82-5 | 0.1-1.0 | GHS02-GHS07- GHS08 | H225-304-315-336 |
| Crystalline Silica / Quartz | 14808-60-7 | 0.1-1.0 | Not Available | Not Available |
| Pigment Orange 13 | 3520-72-7 | 0.1-1.0 | Not Available | Not Available |

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. 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.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Aqueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, 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. 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.

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. Avoid contact with eyes, skin and clothing. Do not puncture or incinerate (burn) container, even after use.

Storage: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. 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. Contents under pressure. Do not expose to heat or store above 120°F (49°C).

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV- TWA | ACGIH TLV- STEL | OSHA PEL-TWA | OSHA PEL- CEILING |
|---|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Propane | 74-98-6 | 20.0 | N.E. | N.E. | 1000 ppm | N.E. |
| n-Butane | 106-97-8 | 10.0 | N.E. | 1000 ppm | N.E. | N.E. |
| Hydrotreated Light Distillate | 64742-47-8 | 10.0 | N.E. | N.E. | N.E. | N.E. |
| Naphtha, Petroleum, Hydrotreated Light | 64742-49-0 | 5.0 | 100 ppm | N.E. | N.E. | N.E. |
| Xylenes (o-, m-, p- Isomers) | 1330-20-7 | 5.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| Barium Sulfate | 7727-43-7 | 5.0 | 5 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| n-Butyl Acetate | 123-86-4 | 5.0 | 50 ppm | 150 ppm | 150 ppm | N.E. |
| Propylene Glycol | 57-55-6 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Ethylbenzene | 100-41-4 | 5.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| Mineral Spirits | 64742-88-7 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Stoddard Solvent | 8052-41-3 | 1.0 | 100 ppm | N.E. | 500 ppm | N.E. |
| Octane | 111-65-9 | 1.0 | 300 ppm | N.E. | 500 ppm | N.E. |
| n-Heptane | 142-82-5 | 1.0 | 400 ppm | 500 ppm | 500 ppm | N.E. |
| Crystalline Silica / Quartz | 14808-60-7 | 1.0 | 0.025 mg/m3 | N.E. | 50 µg/m3 | N.E. |
| Pigment Orange 13 | 3520-72-7 | 1.0 | N.E. | N.E. | N.E. | 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. 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 impervious gloves to prevent skin contact and absorption of this material through the skin.

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. 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. 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-Orange | pH | N.A. |
| Odor | Solvent Like | Kinematic Viscosity | N.D. |
| Odor Threshold | N.E. | Solubility in Water | Negligible |
| Freezing Point / Melting Point, °C | N.D. | Partition Coefficient, n-octanol/water | N.D. |
| Boiling Range, °C | -37 - 537 | Vapor Pressure | N.D. |
| Flammability | Supports Combustion | Evaporation Rate | Faster than Ether |
| Lower Explosive Limit, vol% | 0.9 | Specific Gravity | 0.846 |
| Upper Explosive Limit, vol% | 12.6 | Vapor Density | Heavier than Air |
| Flash Point, °C | -96 | 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 alkalis.

Hazardous Decomposition: By open flame, carbon monoxide and carbon dioxide. 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: Causes eye irritation. Irritating, and may injure eye tissue if not removed promptly.

Effects of Overexposure - Skin Contact: Substance may cause slight skin irritation. Prolonged or repeated contact may cause skin irritation. Low hazard for usual industrial handling or commercial handling by trained personnel.

Effects of Overexposure - Inhalation: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. 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: May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. 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).

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:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|--|------------------|---------------------|-------------------|
| 106-97-8 | n-Butane | N.E. | N.E. | 658 mg/L Rat |
| 64742-47-8 | Hydrotreated Light Distillate | >5000 mg/kg Rat | >2000 mg/kg Rabbit | >5000 mg/L Rat |
| 64742-49-0 | Naphtha, Petroleum, Hydrotreated Light | >5000 mg/kg Rat | >3160 mg/kg Rabbit | >4951 mg/L Rat |
| 1330-20-7 | Xylenes (o-, m-, p- Isomers) | 3500 mg/kg Rat | >4350 mg/kg Rabbit | 29.08 mg/L Rat |
| 7727-43-7 | Barium Sulfate | 307000 mg/kg Rat | N.E. | N.E. |
| 123-86-4 | n-Butyl Acetate | 10768 mg/kg Rat | >17600 mg/kg Rabbit | > 21 mg/L Rat |
| 57-55-6 | Propylene Glycol | 20000 mg/kg Rat | 20800 mg/kg Rabbit | >20 mg/L |
| 100-41-4 | Ethylbenzene | 3500 mg/kg Rat | 15400 mg/kg Rabbit | 17.4 mg/L Rat |
| 64742-88-7 | Mineral Spirits | 19748 mg/kg Rat | >4000 mg/kg Rabbit | 4951 mg/L Rat |
| 8052-41-3 | Stoddard Solvent | N.E. | >3000 mg/kg Rabbit | 25 |
| 111-65-9 | Octane | N.E. | N.E. | >24.88 mg/L Rat |
| 142-82-5 | n-Heptane | N.E. | 3000 mg/kg Rabbit | >29.29 mg/L Rat |
| 14808-60-7 | Crystalline Silica / Quartz | 5500 mg/kg Rat | 5500 | 100 mg/L |
| 3520-72-7 | Pigment Orange 13 | 5000 mg/kg Rat | >2000 mg/kg Rat | N.E. |

N.E. - Not Established

12. Ecological Information

Ecological Information: Product is a mixture of listed components. No ecotoxicity data was found for this product.

13. Disposal Information

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. EPA Hazardous Waste Number (RCRA): D005 (Barium). Dispose of in accordance with U.S. EPA 40 CFR 262 for concentrations at or above the Regulatory level. Regulatory level- 100.0 mg/L.

14. Transport Information

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

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> |
|----------------------|----------------|
|----------------------|----------------|

Industrial Choice Construction Marking Paint Fluorescent Red-Orange Large Spray

Xylenes (o-, m-, p- Isomers)
Barium Sulfate
Ethylbenzene

1330-20-7
7727-43-7
100-41-4

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.

U.S. State Regulations:

California Proposition 65

WARNING:

Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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: 0.79

SDS REVISION DATE: 1/2/2025

REASON FOR REVISION:

Product Composition Changed
Substance Hazardous Flag Changed
Substance Hazard Threshold % Changed
Substance and/or Product Properties Changed in
Section(s):
01 - Identification
02 - Hazard Identification
03 - Composition / Information on Ingredients
05 - Fire-Fighting Measures
08 - Exposure Controls / Personal Protection
09 - Physical & Chemical Properties
11 - Toxicological Information
14 - Transport Information
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.