

Material Safety Data Sheet

STRAIT-LINE MARKING CHALK (ORANGE)

Hazardous Material Identification System: Health - 1
Flammability - 0
Reactivity - 0
(0-4)

QUICK IDENTIFIER

Common Name: (used on label and list)

#64805IR, #64905IR, #65105IR

SECTION 1 - Identification of Product and Use

Product Name	Strait-Line Marking Chalk (FLUORESCENT ORANGE)	Product Use	Refill for self-chalking chalk line reels
Manufacturer's Name	The Irwin Company	Emergency Telephone No.	(513) 382 - 3811
Address	92 Grant Street	City, State, and ZIP	Wilmington, Ohio 45177

SECTION 2 - Hazardous Ingredients/Identity

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	%	CAS NO.	LD50 of Ingredient (species; route)	LC50 of Ingredient (species; route)
Calcium Carbonate (CaCO ₃)	15 mg/m ³ as nuisance dust	10 mg/m ³ as nuisance dust	91	1317 - 65 - 3	6450 mg/kg (rat; oral)	Not Available
Silica, Crystalline-Quartz	0.1 mg/m ³ as respirable dust	0.1 mg/m ³ as respirable dust	<2.0%	14808-60-7	Not Available	300µg/m ³ (human, inhalation) (10 years)

Calcium Carbonate may contain crystalline silica at levels between 0.01% and 2.0% and varies naturally. There are also small but detectable amounts of the following other naturally occurring chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm. This warning is provided in the absence of definitive testing to prove that these risks do not exist. These amounts are typical quantities and may vary slightly with different lots.

Chemical Name
Arsenic
Lead

Typical Amount
Less than 1 ppm
Less than 1 ppm

CAS Number
7440-38-2
7439-92-1

Non-Hazardous
Ingredients

Dyed Toluene Sulfonamide Resin

SECTION 3 - Physical & Chemical Characteristics

Appearance and Odor	Odorless orange powder	Physical State	Solid	Odor Threshold	None
Boiling Point	NA	Specific Gravity (H ₂ O = 1)	2.70-2.71	Vapor Pressure (mm Hg)	NA
Vapor Density (Air = 1)	NA	pH (Saturated Solution)	8.6 - 8.8	Coeff. Water/Oil Dist.	NA
Solubility in Water	<0.0002 (Trace)	Evaporation Rate (Butyl Acetate = 1)	NA	Melting Point	Above 1500°F (815°C)
				Freezing Point	NA

SECTION 4 - Fire & Explosion Hazard Data

Flammability	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	If Yes, Under Which Conditions?	NA	Flash Point and Method	NA
Extinguisher Media	NA	Special Fire Fighting Procedures	Self-contained breathing apparatus and other proper protective equipment	Hazardous Combustion Products	Formaldehyde
Upper Flammable Limits in Air % by Volume	NA	Lower Flammable Limits in Air % by Volume	NA	Sensitivity to Static Discharge	None
Auto-Ignition Temperature	NA	Unusual Fire and Explosion Hazards	None	Sensitivity to Impact	None

SECTION 5 - Reactivity Data

Stability	UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/>	Conditions to Avoid	None
Incompatibility (Materials to Avoid)	Strong oxidizing agents	Hazardous Decomposition Products	Carbon Dioxide
Hazardous Polymerization	MAY OCCUR <input type="checkbox"/> WILL NOT OCCUR <input checked="" type="checkbox"/>	Conditions to Avoid	None
		Reactivity	Reacts with strong acids to liberate carbon dioxide -

SECTION 6 - Health Hazards and Toxicological PropertiesAcute
and Chronic**Respiratory irritation from exposure to dust over recommended levels**Signs and Symptoms
of Exposure**Eye irritation upon eye contact**Medical Conditions Generally
Aggravated by Exposure**Persons suffering from chronic respiratory diseases may be at increased risk
when exposed to dust over recommended levels.**Chemical Listed as Carcinogen
or Potential CarcinogenNational Toxicology
ProgramYES ☐
NO ☒I.A.R.C.
MonographsYES ☒
NO ☐OSHA YES ☐
NO ☒ROUTES
OF
ENTRY

1. Inhalation

Respiratory irritantSensitization
to Product**No known hazard**

2. Eyes

Irritant

Teratogenicity

No known hazard

3. Skin

No known hazardReproductive
Toxicity**No known hazard**

4. Ingestion

No known hazard

Mutagenicity

No known hazardSynergistic
Products**No known hazard****SECTION 7 - Preventive Measures and Spill/Leak Procedures**Respiratory Protection
(Specify Type)**Wear NIOSH approved respirator for dusts when
exposed to dusts over recommended levels**

Ventilation

Adequate to control dustingEye
Protection**Glasses or goggles where
eye contact is possible**Protective
Gloves**Not usually required**Work/Hygienic
Practices**Wash contaminated skin with
soap and water.**

Footwear

None requiredOther Protective
Clothing or Equipment**None required**Precautions to be Taken
in Handling and Storage**Store in a ventilated, cool
dry place**Other
Precautions**None**Steps to be Taken in Case
Material is Released or Spilled**If material is not contaminated, scoop into clean container for use;
if contaminated, scoop or vacuum into receptacle for disposal.**Waste Disposal Methods
(Consult Federal, State, and Local Regulations)**Dispose of as non-hazardous solid waste in accordance with
federal, state, and local regulations****SECTION 8 - First Aid Measures**Eye
Contact**Flush with water for 15 minutes;
contact physician**Skin
Contact**Wash from skin with
mild soap and water****SECTION 9 - Preparation Date of MSDS**Prepared
By**Daryl Henry**Phone
Number**513-382-3811**Date
Prepared**4/11/91**

* The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use thereof.

NA - Not Applicable