

Material Safety Data Sheet

STRAIT-LINE MARKING CHALK® (BLUE)

QUICK IDENTIFIER

Common Name: (used on label and lit)

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

SECTION 1 - Identification of Product and Use

Product Name	Straight-Line Marking Chalk® (BLUE)	Product Use	Refill for self-chalking chalk line reels
Manufacturer's Name	The American Tool Companies, Inc. Wilmington Division	Emergency Telephone No.	(513) 382-3811 5-5 EDT
Address	82 Grant Street	City, State, and ZIP	Wilmington, Ohio 45177

SECTION 2 - Ingredients/Identity

* Hazardous ingredients under control of Federal OSHA Health Communication 29CFR 1910.1200

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	%	CAS NO.	LD50 of Ingredient (species; route)	LC50 of Ingredient
Calcium Carbonate (CaCO ₃)	10 mg/m ³ as total dust 5 mg/m ³ as respirable dust	10 mg/m ³ as total dust	70-80	1317-65-3	6450 mg/kg (rat; oral)	Not Available
Sodium Alumino Sulphosulfate	15 mg/m ³ as total dust	10 mg/m ³ as total dust	10-20	67455-87-5	>10,000 mg/kg (rat; oral)	Not Available
*Silica, Crystalline Quartz	01 mg/m ³ as respirable dust	0.3 mg/m ³ as respirable dust	<1.5	14808-60-7	Not Available	500 µg/m (mouse, inhalation) (12 year)

Calcium Carbonate may contain crystalline silica at levels between 0.01% and 1.5% and varies naturally. There are also other less detectable impurities of silica (including 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 dusts do not exist. These amounts are typical quantities and may vary slightly with different lots.

Chemical Name	Product Name	MSDS Number
Amount	Lot/Date Type	1445-002
Used	Lot/Date Type	7427-004

SECTION 3 - Physical & Chemical Characteristics

Appearance and Odor	Odorless blue powder	Physical State	Solid	Color Threshold	None
Boiling Point	NA	Specific Gravity (H ₂ O = 1)	2.6	Vapor Pressure (mm Hg)	NA
Vapor Density (Air = 1)	NA	pH (Saturated Solution)	8.5 - 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	None	Hazardous Combustion Products	Hydrogen sulfide may be released
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)	Acids	Hazardous Decomposition Products	With acids, Hydrogen Sulfide may be released
Hazardous Polymerization	MAY OCCUR <input type="checkbox"/> WILL NOT OCCUR <input checked="" type="checkbox"/>	Conditions to Avoid	None
		Reactivity	Reacts violently with Flourine

SECTION 6 - Health Hazards and Toxicological Properties

Acute 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 Carcinogen (Applies to cyclohexane salts only) National Toxicology Program YES NO I.A.R.C. Monographs YES NO OSHA YES NO

		Sensitization to Product	No known hazard
ROUTES OF ENTRY	1. Inhalation	Respiratory Irritant	Teratogenicity
	2. Eyes	Irritant	Reproductive Toxicity
	3. Skin	No known hazard	Mutagenicity
	4. Ingestion	No known hazard	Synergistic 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 dusting	Eye Protection	Glasses or goggles where eye contact is possible
Protective Gloves	Not usually required	Work Hygiene Practices	Wash contaminated skin with soap and water
Footwear	None required	Other Protective Clothing or Equipment	None required
Precautions to be Taken in Handling and Storage	Do not store near acids	Other Precautions	None

Steps to be Taken in Case Material is Released or Spilled **No special precautions necessary; avoid flushing large quantities into drains**

Waste Disposal Methods (Consult Federal, State, and Local Regulations) **Dispose of as non-hazardous solid waste in accordance with federal, state, and local regulations**

DOT Regulated (49 CFR 172) YES NO RCRA Hazardous Waste YES NO

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** Ingestion **Do not induce vomiting; give at least 2-3 glasses of water**

SECTION 9 - Preparation Date of MSDS

Prepared by **Jeff Curry** Phone Number **513-382-3811** Date Prepared **3/1/95**

* 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 n/a - Not Available