

Fluorescent Chalk MSDS

Section 1 - IDENTIFICATION

Supplier

Wildfire, Inc
2908 Oregon Ct. Ste. G1
Torrance, California 90503

Emergency Contact Information

800-937-8065

Chemical name and synonyms

Fluorescent Chalk

Product Name

Fluorescent Chalk

Section 2 - COMPONENTS

Ingredients

Gypsum (calcium sulfate) (CAS# 7778-18-9) – approximately –42 % by weight

ACGIH TLV = 10 mg total dust/m³

OSHA PEL = 15 mg total dust/m³

Pigment Dispersion (mixture)- approximately - 21 % by weight

No exposure limits have been established for this product.

Calcium Carbonate (CAS# 471-34-1) - approximately - 12 % by weight

ACGIH TLV-TWA = 10 mg total dust/m³

OSHA PEL = 15 mg total dust/m³

Kaolin Clay (hydrous aluminosilicate) (CAS# 1332-58-7) - approximately - 12 % by weight

ACGIH TLV = 0.025 mg /m³ respirable

Talc (hydrous magnesium silicate) (CAS# 14807-96-6) - approximately - 12 % by weight

ACGIH TLV-TWA = 2 mg /m³

OSHA PEL TWA = 20 mppcf

Silica (Quartz) (CAS# 14808-60-7) - approximately – 0.5-2.5 % by weight

ACGIH TLV-TWA (2000) = 0.05 mg respirable quartz dust/m³

OSHA PEL (8-hour TWA) = (10 mg respirable dust/m³)/(percent silica + 2)

Trace Ingredients

Trace amounts of naturally occurring elements might be detected during chemical analysis. Trace constituents may include vegetable oil which is used as a lubricant in the process.

Section 3 - HAZARD IDENTIFICATION

Potential Health Effects

Effects Resulting from Eye Contact:

Exposure to airborne dust may cause immediate or delayed irritation or inflammation.

Effects Resulting from Skin Contact:

Direct contact may cause dryness, or may cause mild irritation if an allergic predisposition exists.

Effects Resulting from Inhalation:

Exposure to fine particles may cause irritation to the moist mucous membranes of the nose, throat, and upper respiratory system. It may also leave unpleasant deposits in the nose.

Effects Resulting from Ingestion:

Although small quantities of this product are not known to be harmful, ill effects are possible if larger quantities are consumed. Fluorescent chalk should not be eaten.

Medical conditions which may be aggravated by, inhalation or dermal exposure:

Pre-existing upper respiratory and lung diseases.

Section 4 - FIRST AID**Eyes**

In case of contact immediately flush eye with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

Skin

In case of contact, wash skin with plenty of soap and water. Call a physician if irritation develops and persists.

Inhalation of Airborne Dust

Remove to fresh air. Seek medical help if coughing and other symptoms do not subside.

Ingestion

May result in obstruction and irritation if ingested, get medical attention.

Section 5 - FIRE AND EXPLOSION DATA

Flash point	None	Lower Explosive Limit.....	None
Upper Explosive Limit.....	None	Auto ignition temperature.....	Not Combustible
Extinguishing media.....	Not Combustible	Special fire fighting Procedures.....	None
Hazardous combustion products.....	None	Unusual fire and explosion hazards..	None

Section 6 - ACCIDENTAL RELEASE MEASURES

Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Avoid inhalation of large quantities of dust and contact with skin.

Wear appropriate personal protective equipment as described in Section 8.

Small quantities can be disposed of with general refuse, contact your refuse hauler for more details.

Section 7 - HANDLING AND STORAGE

Keep product dry until used. Normal temperatures and pressures do not affect the material.

Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**Respiratory Protection**

Avoid actions that cause large quantities of dust to become airborne. Use local or general exhaust ventilation to control exposures below applicable exposure limits.

Use NIOSH/MSHA approved dust masks or filtering face piece is recommended in poorly ventilated areas or when PEL may be exceeded.

Ventilation

Use local exhaust or general dilution ventilation to control exposure within applicable limits.

Eye Protection

Where potentially subject to splashes or puffs of dust, wear safety glasses with side shields or goggles.

Section 9 - PHYSICAL AND CHEMICAL, PROPERTIES

Appearance.....Solid	Odor.....No distinct odor
Physical state.....Solid (powder)	pH (in water).....N/A
Solubility in water...Slightly soluble	Vapor pressure.....N/A
Vapor density.....N/A	Boiling point.....N/A (i.e., > 1000 C)
Melting point.....N/A	Specific gravity (H2O = 1.0).....N/A
Evaporation rate.....N/A	

Section 10 - STABILITY AND REACTIVITYStability

Stable.

ReactivityN/A

Section 11 - OTHER INFORMATION

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