



Material Safety Data Sheet(MSDS)

Report No.: G141107B91EN

Date: Nov. 10th, 2014

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDER TAKING

Product Identifier SIDEWALK CHALK	
Product Model 075222/24843 1/4 11467	
THE CHENILLE KRAFT COMPANY	
65 AMBROGIO DRIVE	
GURNEE, IL 60031	EMERGENCY NUMBER: 1-800-222-1222
TEL: 1-800-621-1261	NATIONAL POISON CONTROL CENTER

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients(specific)	Value (%)	CAS No.	LD50 of Ingredient (specify species and route)
Calcium sulfate	96.0	7778-18-9	--
C.I.pigment yellow 1	0 - 4.0	2512-29-0	LD50 Oral - rat - > 10,000 mg/kg LD50 Dermal - rat - > 2,000 mg/kg
C.I. pigment blue 15	0 - 4.0	147-14-8	LD50 Oral - rat - male and female-> 2,000mg/kg LD50 Dermal - rat - male - > 5,000 mg/kg
C.I. Pigment Red 21	0 - 2.0	6410-26-0	--
C.I. pigment red 48:3	0 - 2.0	15782-05-5	LD50/oral/rat - \geq 5000 mg/kg
C.I. Pigment green 7	0 - 4.0	1328-53-6	LD50 oral- rat - > 3000 mg/kg
C.I. Food brown 1	0 - 4.0	8062-14-4	--
2-Naphthalenecarboxamide	0 - 4.0	21889-27-0	--
Pigment violet 14	0 - 4.0	10101-56-1	--

3. HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
Emergency Overview Harmful if inhaled. May cause respiratory irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause cancer by inhalation.
WHMIS Symbols Not controlled under WHMIS.
Potential Health Effects May cause sensitisation by inhalation and skin contact. May cause cancer by inhalation. Possible risk of irreversible effects.

4. FIRST AID MEASURES

Skin contact Wash off with soap and plenty of water. Consult a physician.
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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Inhalation If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Flammable <input type="checkbox"/> yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.		
Flashpoint(°C) and Method No data available.	Upper Flammable Limit(% by volume) No data available.	Lower Flammable Limit(% by volume) No data available.
Autoignition Temperature(°C) No data available.	Explosion Data-Sensitivity to Impact No data available.	Explosion Data-Sensitivity to Static Discharge Risks of explosion of the product in presence of static discharge. No data available.
Hazardous Combustion Products Sulphur oxides, Hydrogen chloride gas, Cobalt/cobalt oxides, Calcium oxide, Magnesium oxide, Silicon oxides, Aluminum oxide, Nitrogen oxides(NOx), Copper oxides.		
[NFPA] No data available.		

6. ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Do not let product enter drains.

7. HANDLING AND STORAGE

Handling Procedures and Equipment Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Storage Requirements Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS // PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH:TLV <input type="checkbox"/> OSHA PEL <input checked="" type="checkbox"/> Other(specify)
Specific Engineering Controls(such as ventilation, enclosed process) Maintain good ventilation.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing: <input type="checkbox"/> Other

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If checked, please specify type

Eyes: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH(US).

Body: Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Skin: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands

Respiratory: For nuisance exposures use type P95 (US) or type P1 (EU EN: 143) particle respirator. For higher level protection, use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid.	Odour and Appearance Odourless/ Cylinder / White, Red, Vermilion, Yellow, Blue, Green, Orange, Purple, Brown	Odour Threshold(ppm) No data available.
Specific Gravity(water=1) No data available.	Vapour density(air=1) No data available.	Vapour pressure(mmHg) No data available.
Evaporation rate No data available.	Boiling point(°C) No data available.	Freezing Point(°C) No data available.
pH No data available.	Coefficient of water/Oil Distribution No data available.	Solubility in Water No data available.

10. STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with other substances <input checked="" type="checkbox"/> yes <input type="checkbox"/> No	If yes, which ones? Oxidizing agents, Alkali metals, Strong oxidizing agents
Reactivity, and under what conditions? No data available.	
Hazardous decomposition products No data available.	

11. TOXICOLOGICAL INFORMATION

Effects of Acute Exposure: CAS No. 2512-29-0: LD50 Oral - rat - > 10,000 mg/kg LD50 Dermal - rat - > 2,000 mg/kg CAS No. 147-14-8: LD50 Oral - rat - male and female - > 2,000 mg/kg LD50 Dermal - rat - male - > 5,000 mg/kg CAS No. 15782-05-5: LD50 oral - rat - ≥ 5000 mg/kg CAS No. 1328-53-6: LD50 oral - at - > 3000 mg/kg
Effects of Chronic Exposure: No data available.
Irritancy of Product: No data available.

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Skin Sensitization CAS No. 7778-18-9: Skin - Human Result: Mild skin irritation - 3 h CAS No. 2512-29-0: Skin - rabbit Result: No skin irritation CAS No. 147-14-8: Skin - rabbit Result: No skin irritation - 4 h	Respiratory Sensitization No data available.
Carcinogenicity-IARC No data available.	Carcinogenicity-ACGIH No data available.
Reproductive Toxicity No data available.	Mutagenicity No data available.
Name of Synergistic Products/Effects No data available.	

12. ECOLOGICAL INFORMATION

Aquatic Toxicity CAS No. 1328-53-6: Toxicity to fish LC50 - > 250 mg/l Toxicity to daphnia EC50: > 500 mg/kg - 24 h CAS No. 147-14-8: Toxicity to fish mortality LC50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h mortality LC50 - Cyprinus carpio (Carp) - > 100 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates Immobilization EC50 - Daphnia magna (Water flea) - > 500 mg/l - 48 h Toxicity to algae static test EC50 - Desmodesmus subspicatus (green algae) - > 100 mg/l - 72 h Toxicity to bacteria Respiration inhibition EC50 - Sludge Treatment - > 10,000 mg/l - 3 h

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

Special Shipping Information	PIN No data available.
TDG No data available.	DOT No data available.
IMO No data available.	ICAO No data available.

15. REGULATORY INFORMATION

WHMIS Classification No information available.	OSHA No information available.
SERA No information available.	TSCA No information available.

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16. OTHER INFORMATION

Label Requirements No information available.

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