

WILFLEX METALLIC PIGMENT CONCENTRATES – NATURAL COPPER

Product: 12070PC

Revision Date: 2001/09/13

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Mixture.

Supplier: Same as manufacturer.

Manufacturer: PolyOne – Kennesaw
8155 Cobb Center Drive
Kennesaw, GA 30152
USA.

**Manufacturer emergency
phone number:** 800-424-9300.

Section 2 : INGREDIENT INFORMATION

C.A.S.	Concentration %	Ingredient Name	T.L.V.	LD/50	LC/50
57-11-4	0.5 – 1.5	STEARIC ACID	NOT AVAILABLE	>5000 MG/KG RABBIT DERMAL	NOT AVAILABLE
7429-90-5	0.1 – 1.0	ALUMINUM, ELEMENTAL	5 MG/M3	NOT AVAILABLE	NOT AVAILABLE
7440-50-8	60 – 100	COPPER, ELEMENTAL	1 MG/M3 (DUST, MIST)	NOT AVAILABLE	NOT AVAILABLE
7440-66-6	10 – 30	ZINC	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 3 : HAZARD IDENTIFICATION

Route of entry: Skin and eye contact.

Effects of acute exposure

Eye contact: Moderate eye irritant.

Skin contact: Moderate irritant.

Inhalation: Not available.

Ingestion: May be harmful if swallowed.

Effects of chronic exposure: No data on symptoms available.

Sensitization to product: Not available.

Carcinogenic effects: Not available.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 4 : FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash with mild soap and water.
Consult a physician if irritation persists.

Eye contact: Flush with water for at least 15 minutes.
Consult a physician, if irritation persists.
Use gently flowing water.

Inhalation: Remove victim to fresh air.
If irritation occurs, consult a physician.

Ingestion: Obtain immediate medical attention.
Give large quantities of water to drink.
Never give anything by mouth to an unconscious person.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Not flammable as per WHMIS.

Conditions of flammability: At temperatures at or above flash point.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Water

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature: Not available.

Flash point (°C), method: 204

Lower flammability limit (% vol): Not available.

Upper flammability limit (% vol): Not available.

Explosion Data

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Hazardous combustion products: Carbon monoxide.
Carbon dioxide.
Aluminum oxides.
Copper oxide fumes.

Rate of burning: Not available.

Explosive power: Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of ignition.
Wear appropriate protective equipment.
Use non-sparking tools.
Sweep or shovel into clean, dry, labelled containers and cover. Contact an approved waste hauler for disposal.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: Avoid smoking, drinking, or eating during use.
Handle and open container with care.
Keep away from heat, sparks, and open flame.
Avoid breathing vapors/mists.
Avoid skin and eye contact.
Remove contaminated clothing.
Wash clothing before re-use.
Wash thoroughly after handling.
Use non-sparking tools.

Storage requirements: Store in a well ventilated area.
Store away from incompatible materials.
Keep away from excessive heat.
Store in a cool, dry area in a closed container.
Store at temperatures below 37.7°C.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Wear protective gloves.

Respiratory/Type: None required under normal use.

Eye/Type:



Safety glasses or goggles.

Footwear/Type: Safety boots per local regulations.

Clothing/Type: As required to prevent skin contact.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Adequate ventilation.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Semi solid (paste).

Appearance & odor: Paste
Colored.

Odor threshold (PPM): Not available.

Vapour pressure (mm hg): < 1 x 10⁻⁴mmHg.
@ 21°C

Vapour density (air=1): Not available.

Volatiles (%)

By volume: Not available.

**Evaporation rate
(butyl acetate = 1):** Not available.

Boiling point (°C): Not available.

Freezing point (°C): Not available.

PH: Not available.

Specific gravity @ 20 °C: 8.5

Solubility in water (%): Not available.

Coefficient of water/oil dist.: Not available.

VOC: Not available.

Section 10 : STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Conditions of reactivity: None known.

Hazardous polymerization: Not available.

Incompatible substances: Oxidizing agents.

**Hazardous decomposition
products:** See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

**LD50 of product, species &
route:** Not available.

**LC50 of product, species &
route:** Not available.

Section 12 : ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.

Environmental fate: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.

Section 14 : TRANSPORT INFORMATION

TDG classification:

Not regulated.



Special shipping information: Not regulated.

Section 15 : REGULATORY INFORMATION

WHMIS classification: Not controlled.

DSL status: Not available.

SARA (313) chemicals: Copper Compounds (7440-50-8).
Zinc Compounds (7440-66-6).
Stearic acid (cas# 57-11-4).
Aluminum (cas# 7429-90-5) < 1%.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2001/09/13

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