

# WILFLEX SILVER PIGMENT CONCENTRATE (12130PC)

Product: 12130PC

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
7429-90-5	60-100	ALUMINUM, ELEMENTAL	5 MG/M3	NOT AVAILABLE	NOT AVAILABLE

## Section 3 : HAZARD IDENTIFICATION

**Route of entry:** Skin and eye contact.

### Effects of acute exposure

**Eye contact:** May cause irritation.

**Skin contact:** May cause irritation.

**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.

**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:** 645

**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.

**Rate of burning:** Not available.

**Explosive power:** Not available.

## Section 6 : ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Eliminate all sources of ignition.  
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 skin and eye contact.  
Remove contaminated clothing.  
Avoid breathing dust.  
Wash clothing before re-use.  
Wash thoroughly after handling.

Avoid dust generation.

**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:** Solid

**Appearance & odor:** No distinct odor.  
Free flowing powder.  
Silver.

**Odor threshold (PPM):** Not available.

**Vapour pressure (mm hg):**  $< 1 \times 10^{-4}$  mmHg.  
@ 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:** 1.5 – 2.5

**Solubility in water (%):** Not available.

**Coefficient of water/oil dist.:** Not available.

**VOC:** < 15 g/l

#### Section 10 : STABILITY AND REACTIVITY

**Yes:** Stable under normal temperatures and pressures.

**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:** Aluminum (cas# 7429-90-5).

**Section 16 : OTHER INFORMATION**

**Supplier MSDS date:** 2001/09/13

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