

# MATERIAL SAFETY DATA SHEET

3 February 2012

## Section 1 - Product and Company Information

### Product detail

**Product Name: Cobalt Carbonate 46%**

Molecular Formula: CoC03

## Section 2 - Hazards identification

Physical state Solid.

Odor: Odorless.

Color: Purple. I Pink.

Emergency overview:

WARNING!

MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION.

MAY BE HARMFUL IF SWALLOWED.

Do not ingest. Avoid contact with skin and clothing. Do not breathe dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Routes of entry:

Eyes, No known significant effects or critical hazards.

Inhalation, May cause sensitization by inhalation.

Ingestion May be harmful if swallowed.

Skin, May cause sensitization by skin contact.

Hazard status:

This material is classified hazardous under OSHA regulations in the United States and the WHMIS Controlled Product Regulation in Canada.

## Section 3 - Composition/information on ingredients

United States & Canada

Name Cobalt carbonate (46%)

CAS number 513-79-1

## Section 4 - First Aid measures

Eye contact: Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 20 minutes. Get medical attention.

### **Section 5 - Fire-fighting measures**

Flammability of the product Non-flammable.

Extinguishing media Use an extinguishing agent suitable for the surrounding fire

Special protective No specific hazard.

Special exposure hazards :None known.

### **Section 6 - Accidental release measures**

Personal precautions: Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.

Environmental precautions: Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up: If emergency personnel are unavailable, vacuum or carefully scoop up spilled material and place in an appropriate container for disposal by incineration. Avoid creating dusty conditions and prevent wind dispersal.

### **Section 7 - Handling and storage**

Handling: Do not ingest. Avoid prolonged or repeated contact with skin. Keep container closed. Use only with adequate ventilation. Do not breathe dust. Wash thoroughly after handling.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area

### **Section 8- Exposure controls & personal protection**

United States & Canada

Exposure limits TWA: 0.02 mg/m<sup>3</sup> 8 hour(s). Form: Inorganic

Engineering measures: Use only with adequate ventilation. If user operations generate dust, fumes, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal protection in case of a large spill: Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Vapor respirator. Wear NIOSH approved self-contained breathing apparatus or equivalent and full protective gear. Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

HMIS Code/Personal protective equipment: G

### **Section 9 - Physical and chemical properties**

Physical state Solid.

Relative density 4.13 (Water = 1)

Odor Odorless

Color Purple. I Pink.

Solubility: Insoluble in cold water, hot water.

Stability and reactivity The product is stable.

Incompatibility with various substances Reactive with oxidizing materials.

Hazardous polymerization Will not occur.

Conditions of reactivity: Not available.

### **Section 10 - Disposal considerations**

Waste disposal

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.

### **Section 11 - Transportation information**

UNIIMOG/IATA OOTI TOG: Not regulated.

### **Section 12 - Regulatory information**

HCS Classification Sensitizing material

SARA 313

Product name CAS number Concentration

Cobalt carbonate 513-79-1 >46

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### **Section 13 - Other Information**

#### **Warranty**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the manufacturer be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if manufacturer has been advised of the possibility of such damages.