

PRMI

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 Product Identification

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**CHEMICAL NAME: COBALT ACETATE, ANHYDROUS**

**PRODUCT NUMBER: 1489**

**CAS# 71-48-7**

**EINECS NO: 200-7555-8**

**FORMULA: Co(OOCCH<sub>3</sub>)<sub>2</sub>**

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## SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	71-48-7	100	0.02 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW: Harmful Dust. Harmful if swallowed.** Dust causes irritation to the respiratory tract, skin and eyes.

**PRIMARY ROUTES OF EXPOSURE:** Contact with skin and eyes. Inhalation of dust.

**EYE CONTACT:** Causes irritation of the eyes.

**SKIN CONTACT:** Causes irritation. May cause sensitization by skin contact.

**INHALATION:** Causes irritation to nose, throat and respiratory tract.

**INGESTION: Irritation.**

**SUBACUTE TO CHRONIC TOXICITY:** Cobalt is an experimental neoplastigen and tumorigen. It is an experimental carcinogen of the connective tissue and lungs. Cobalt metal and inorganic compounds are classified as an animal carcinogen by the ACGIH. Ingestion may cause burning in the mouth, esophagus and stomach. Inhalation of dusts and fumes may cause irritation of the respiratory tract, labored breathing and coughing. Sensitization, nausea, flushing of the face and ringing in the ears is also possible. Chronic ingestion may result in pericardial effusion, polycardial effusion, polycythemia, cardiac failure, vomiting, convulsions and thyroid enlargement.

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## SECTION 4 First Aid Measures

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**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water (lukewarm if possible) for several minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get medical attention.

**SKIN EXPOSURE:** Wash affected area with soap and water. Remove contaminated clothes if necessary. Seek medical assistance if irritation or redness persists.

**INHALATION:** Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance. Give oxygen if deemed necessary. If not breathing administer CPR. Get emergency care immediately.

**INGESTION:** No specific data available. Seek medical assistance immediately. Keep the victim calm.