

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

WATTYL POLY U 400 LEAD CONTAINING COLOURS - PA MSDS报告

### 产品标题

铬酸铅(II);铬黄

### CAS号

7758-97-6

### 化学品及企业标识

## PRODUCT NAME

WATTYL POLY U 400 LEAD CONTAINING COLOURS - PART A

## NFPA

Flammability	2
Toxicity	2
Body Contact	2
Reactivity	1
Chronic	4

SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

## PRODUCT USE

For industrial use only, contains lead pigment as indicated on the label. NOT to be used on toys, furniture, buildings, or on, in or around the home or where contact with food or drinking water may occur. The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Before

starting consider control of exposure by mechanical ventilation. Used according to manufacturer' s directions. The material when ready for use, i.e. with 2 parts mixed together, CONTAINS free organic isocyanate. Application requires control measures, special precautions and use of personal protective gear. [APMF].

## **CANADIAN WHMIS SYMBOLS**

### **EMERGENCY OVERVIEW**

#### **RISK**

Danger of cumulative effects.

Irritating to skin.

May cause CANCER.

May cause harm to the unborn child.

Possible risk of impaired fertility.

HARMFUL - May cause lung damage if swallowed.

Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

Harmful by inhalation, in contact with skin and if swallowed.

Flammable.

Vapors may cause dizziness or suffocation.

Very toxic to aquatic organisms, may cause long- term adverse effects in the aquatic environment.

#### **POTENTIAL HEALTH EFFECTS**

#### **ACUTE HEALTH EFFECTS**

##### **SWALLOWED**

Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. Not a likely route of entry into the body in commercial or industrial environments. The liquid may produce considerable gastrointestinal discomfort and be harmful or toxic if swallowed. Ingestion may cause nausea, pain and vomiting. Vomit entering the lungs by aspiration can cause inflammation of the lungs, which can lead to death. Central nervous system (CNS) depression may include general discomfort, symptoms of giddiness, headache, dizziness, nausea, anaesthetic effects, slowed reaction time, slurred speech and may progress to unconsciousness. Serious poisonings may result in respiratory depression and may be fatal.

##### **EYE**

There is some evidence to suggest that this material can cause eye irritation and damage in some persons. The liquid produces a high level of eye discomfort and is capable of causing pain and severe conjunctivitis.

Corneal injury may develop, with possible permanent impairment of vision, if not promptly and adequately treated. There is evidence that material may produce eye irritation in some persons and produce eye damage 24 hours or more after instillation. Severe inflammation may be expected with pain. There may be damage to the cornea. Unless treatment is prompt and adequate there may be permanent loss of vision. Conjunctivitis can occur following repeated exposure.

## **SKIN**

Skin contact with the material may be harmful; systemic effects may result following absorption. The material may accentuate any pre-existing dermatitis condition. Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. The material may cause moderate inflammation of the skin either following direct contact or after a delay of some time. Repeated exposure can cause contact dermatitis which is characterized by redness, swelling and blistering.

## **INHALED**

Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by narcosis, reduced alertness, loss of reflexes, lack of coordination and vertigo. There is some evidence to suggest that the material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage. If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death. Inhalation of aerosols (mists, fumes), generated by the material during the course of normal handling, may be harmful. Xylene is a central nervous system depressant.

## **CHRONIC HEALTH EFFECTS**

Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. This material can cause serious damage if one is exposed to it for long periods. It can be assumed that it contains a substance which can produce severe defects. This has been demonstrated via both short- and long-term experimentation. Ample evidence exists that developmental disorders are directly caused by human exposure to the material. Ample evidence from experiments exists that there is a suspicion this material directly reduces fertility. Lead, in large amounts, can affect the blood, nervous system, heart, glands, immune system and digestive system. Anemia may occur. If untreated muscles may become paralyzed, and there may be brain damage. Symptoms include joint and muscle pain, weakness in the back of the forearm and wrist and in the shin muscles, headaches, dizziness, abdominal pain, diarrhea or constipation, nausea, vomiting, blue line on gums, sleep disturbance and a metallic taste in the mouth. The pressure in the brain may increase with high doses, and cause

brain damage, coma, and death. Early signs include loss of appetite and weight, constipation, tiredness and irritability, headache, weakness. Later there may be vomiting, nervousness, and muscle pains in the arms and legs. Serious cases cause severe vomiting, inco-ordination, stupor, permanent eye damage, high blood pressure, multiple nerve disorders of the head resulting in paralysis and loss of reflexes, delirium, convulsions and coma. The kidneys may become irreversibly damaged, and the nervous system may become affected causing mental retardation, cerebral palsy, and jerks and seizures. Lead can cross the placenta, and cause miscarriage, stillbirths and birth defects. Exposure before birth can cause mental retardation, behavioral disorders and infant death. Lead can also cause reduced sex drive, impotence, sterility and damage the sperm of males, increasing the potential for birth defects. Periods in women can also be affected.

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