

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

WATTYL ISOLEX R65 GREY R.F.I./E.M.I. SHIELDING C MSDS报告

### 产品标题

电解镍;骨架镍;镍箔

### CAS号

7440-02-0

### 化学品及企业标识

## PRODUCT NAME

WATTYL ISOLEX R65 GREY R.F.I./E.M.I. SHIELDING COATING

## NFPA

Flammability	3
Toxicity	2
Body Contact	2
Reactivity	1
Chronic	2
SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4	

## PRODUCT USE

Used according to manufacturer' s directions. The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing.

# CANADIAN WHMIS SYMBOLS

## EMERGENCY OVERVIEW

### RISK

May cause SENSITIZATION by skin contact.  
HARMFUL - May cause lung damage if swallowed.  
Irritating to eyes and respiratory system.  
Highly flammable.  
Repeated exposure may cause skin dryness and cracking.  
Vapors may cause dizziness or suffocation.  
Harmful to aquatic organisms.

## POTENTIAL HEALTH EFFECTS

### ACUTE HEALTH EFFECTS

#### SWALLOWED

Swallowing of the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis; serious consequences may result. (ICSC13733).  
Accidental ingestion of the material may be damaging to the health of the individual. Nickel is not well absorbed orally. Excretion in the urine is complete after about 4-5 days. If injected, nickel is rapidly distributed to various organs.

#### EYE

This material can cause eye irritation and damage in some persons.

#### SKIN

Repeated exposure may cause skin cracking, flaking or drying following normal handling and use. Skin contact with the material may damage the health of the individual; systemic effects may result following absorption. 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. There is some evidence to suggest that 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 may produce health damage\*. The material can cause respiratory irritation in some persons. The body's response to such irritation can cause

further lung damage. Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by narcosis, reduced alertness, loss of reflexes, lack of coordination and vertigo. Inhalation of aerosols (mists, fumes), generated by the material during the course of normal handling, may be damaging to the health of the individual. Ketone vapors irritate the nose, throat and mucous membrane. High concentrations depress the central nervous system, causing headache, vertigo, poor concentration, sleep and failure of the heart and breathing. Some ketones can cause multiple nerve disorders, inducing "pins and needles" and weakness in the limbs.

## **CHRONIC HEALTH EFFECTS**

Skin contact with the material is more likely to cause a sensitization reaction in some persons compared to the general population. Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems. There is some evidence that inhaling this product is more likely to cause a sensitization reaction in some persons compared to the general population. Metallic dusts generated by the industrial process give rise to a number of potential health problems. The larger particles, above 5 micron, are nose and throat irritants. Smaller particles however, may cause lung deterioration. Particles of less than 1.5 micron can be trapped in the lungs and, dependent on the nature of the particle, may give rise to further serious health consequences.