

化 学 品 安 全 技 术 说 明 书

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MSDS标题

WATTYL GALVIT E90 PRIMER MSDS报告

产品标题

亚铅粉; 锌尘; 锌粉; 锌灰; 蓝粉; 蓝锌粉; 锌; 蒸馏锌; 锌粒

CAS号

7440-66-6

化学品及企业标识

PRODUCT NAME

WATTYL GALVIT E90 PRIMER

NFPA

Flammability	2
Toxicity	2
Body Contact	2
Reactivity	1
Chronic	2

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

PRODUCT USE

One pack zinc rich primer paint for cathodic protection of iron, steel. Apply by brush, hand roller or spray atomisation. The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing.

SYNONYMS

"One pack cold galvanizing primer Zinc rich primer"

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW

RISK

HARMFUL - May cause lung damage if swallowed.

Harmful by inhalation and if swallowed.

Irritating to eyes, respiratory system and skin.

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. Overexposure is unlikely in this form. Ingestion may result in nausea, pain, vomiting. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis.

EYE

This material can cause eye irritation and damage in some persons. The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

SKIN

This material can cause inflammation of the skin oncontact in some persons. Skin contact is not thought to have harmful health effects, however the material may still produce health damage following entry through wounds, lesions or abrasions. The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.

INHALED

If inhaled, this material can irritate the throat and lungs of some persons. Inhalation hazard is increased at higher temperatures. Inhalation of high concentrations of gas/vapor causes lung irritation with coughing and nausea, central nervous depression with headache and dizziness, slowing of reflexes, fatigue and inco-ordination. If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death. Welding or flame cutting of metals with zinc or zinc dust coatings may result in inhalation of zinc oxide fume; high concentrations of zinc oxide fume may result in "metal fume fever"; also known as "brass chills", an industrial disease of short duration. [I.L.O] Symptoms include malaise, fever, weakness, nausea and may appear quickly if operations occur in enclosed or poorly ventilated areas.

CHRONIC HEALTH EFFECTS

There is some evidence that inhaling this product is more likely to cause a sensitization reaction in some persons compared to the general population.

Principal routes of exposure are usually by inhalation of vapor/spray mist and skin contact with the material. Prolonged or continuous skin contact with the liquid may cause defatting with drying, cracking, irritation and dermatitis following. Chronic solvent inhalation exposures may result in nervous system impairment and liver and blood changes. [PATTYS]. Sensitization may give severe responses to very low levels of exposure, i.e. hypersensitivity. Sensitized persons should not be allowed to work in situations where exposure may occur.