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## 化学品安全技术说明书

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#### MSDS标题

KINETICS CONTROLS MAC-GROUT HARDENER MSDS报告

## 产品标题

二丁基二(十二酸)锡;二丁基二月桂酸锡;二月桂酸二丁基锡;二丁基双(1-氧代十二烷氧基)锡

#### CAS号

77-58-7

化学品及企业标识

# **PRODUCT NAME**

KINETICS CONTROLS MAC-GROUT HARDENER

## **NFPA**

Flammability	1
Toxicity	2
Body Contact	0
Reactivity	1
Chronic	0

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

## **PRODUCT USE**

Two part grouting system.

#### CANADIAN WHMIS SYMBOLS

## **EMERGENCY OVERVIEW**

#### **RISK**

Harmful if swallowed.

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. Subchronic exposures to mono-, di- and tri- and tetra-substituted organotin compounds may elicit toxic response in the central nervous, immune and renal systems, the liver and bile duct and the skin. Dialkyl organotin compounds irritate the intestine and cause vomiting. If injected, more serious effects can occur. They can cause withering of the thymus gland.

#### **EYE**

Although the liquid is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness (as with windburn).

#### **SKIN**

Skin contact is not thought to produce harmful health effects (as classified using animal models). Systemic harm, however, has been identified following exposure of animals by at least one other route and the material may still produce health damage following entry through wounds, lesions or abrasions. Good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. 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.

#### **INHALED**

The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified using animal models). Nevertheless, adverse effects have been produced following

exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

## **CHRONIC HEALTH EFFECTS**

Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified using animal models); nevertheless exposure by all routes should be minimized as a matter of course.

