

Product Safety Data Notes - Firesteel 47/4 Intumescent Coating

IDENTIFICATION OF PRODUCT

Product: Firesteel 47/4 Intumescent Coating is an aqueous acrylic emulsion with inert fillers to provide fire protection to steel. No component labelled as dangerous under EEC directives criteria.

COMPOSITION: HAZARDOUS INGREDIENTS

Non-Hazardous: Prolonged exposure to the product may produce minor skin irritation

HAZARD IDENTIFICATION

Prime Hazards: None.

FIRST AID MEASURES

Eye contact: Flush with copious quantities of fresh water for 15 minutes.

Skin contact: Discard contaminated clothing. Wash skin with soap and water.

Inhalation: May cause irritation. Remove patient to fresh air.

Ingestion: Ingestion of small quantities of Firesteel 47/4 is unlikely to cause significant reaction. Do not induce vomiting because of risk of fluid entering the lungs. Wash out mouth and give plenty of water to drink. Seek medical attention.

FIRE FIGHTING MEASURES

Firesteel 47/4 is non-flammable but packaging can burn.

Suitable extinguishing media: Water spray, dry powder, foam and carbon dioxide.

Unsuitable exposure hazards: None

Special exposure hazards: None

LEAK AND SPILL PROCEDURE

If dry, dispose of as non hazardous waste.

If wet, absorb with sand, earth or non-flammable absorbent material and dispose of after curing as non hazardous waste.

Method of clean up: Take up mechanically.

HANDLING AND STORAGE

Do not eat or drink during use. Observe good industrial hygiene.

Store for short periods on work site in unopened containers between 5°C and 25°C clear of the ground. Shelf life 12 months when stored internally between 5°C and 25°C.

PERSONAL PROTECTION & EXPOSURE CONTROLS

Rubber gloves, a light dust mask and goggles should be worn.

PHYSICAL DATA

Appearance: Off-white liquid.

Odour: None

Ph: 8.5

Specific gravity: 1.37 at 20°C

Solubility: Miscible with water.

STABILITY & REACTIVITY DATA

Chemically stable

Not reactive with other substances.

TOXICOLOGICAL

No data.

There are no hazardous components.

ECOLOGICAL INFORMATION

Do not allow to enter drains because of danger of blockage. Otherwise non hazardous.

WASTE DISPOSAL

Dispose of as general waste at an approved waste site suitable for building waste, observing local regulations.

TRANSPORT INFORMATION

Not classified as hazardous.

CHIP 3 not applicable.

REGULATORY INFORMATION

Non-hazardous.

OTHER INFORMATION

To be used as a protective coating against fire attack to structural steel.