



Rust Encapsulator

MATERIAL SAFETY DATA SHEET

COMPANY DETAILS

Company Name & Address

Noble Earth

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Not classified as hazardous according to criteria of Worksafe Australia.

I IDENTIFICATION

Product Name: Noble Earth Rust Encapsulator

Other Names: None

UN No: None allocated. Hazchem Code: None allocated.

Dangerous Goods Class: None allocated.

Sub Risk Class: No Subsidiary Risk.

Packaging Group: None allocated. EPG: None allocated.

Poison Schedule: Not Scheduled.

Product Type: Water based emulsion.

Chemical Family: Blend of ingredients (see below).

Uses: Rust converter/polymer coater.

Physical appearance & Properties:

Appearance & Odour: Milky white liquid. Characteristic odour.

Melting/softening point: Approx 0°C

Boiling point and vapour pressure: Approx 100°C at 100kPa

Volatile materials: Water component.

Flashpoint: Does not burn.

Specific gravity: No data. Expected to be >1

Solubility in water: Soluble.

Corrosiveness: Not corrosive.

Ingredients: Worksafe Exposure Limits

Chemical entity CAS No Proportion TWA STEL

% mg/m³ mg/m³

tannic acid 1401-55-4 5-10 not set not set

dipropylene glycol methyl ether 34590-94-8 1-3 not set not set

vinyl acrylic copolymer emulsion no data 60 not set not set

water 7732-18-5 to 100 not set not set

This is a commercial product, and the exact ratio of components may vary. Trace quantities of impurities are also likely.

II HEALTH HAZARD DATA

Health Effects:

No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995).

Acute Effects:

Swallowed: Data suggests that the product should be considered to be non toxic by ingestion.

Eye: Data suggests that this product should be classified as possibly irritating to the eyes.

Skin: Data suggests that the product should be classified as possibly irritating to the skin.

Inhalation: Data suggests that the product should be considered to be non irritating and non toxic by inhalation.

Primary route of exposure is inhalation and skin and eye contact.

First Aid:

If poisoning occurs, contact a Doctor or Poisons Information Centre.

If swallowed, do NOT induce vomiting. Give a glass of water.

Eye: If this product comes into contact with eyes, hold open and wash with running water.

Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained.

Skin: If this product comes into contact with skin, wash skin with soap and water. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again.

Inhalation: If mists, dusts or combustion products are inhaled, remove to fresh air. Lay victim down & keep warm and rested. If breathing is shallow, or has stopped, ensure clear airway and apply resuscitation or oxygen if available. Transport to hospital or doctor immediately.

Advice to doctor: Treat symptomatically. Note the nature of this product.

III PRECAUTIONS FOR USE

Exposure Standards:

A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Worksafe Australia for any of the significant ingredients in this product. There is a blanket recommendation of 10mg/m³ for inspirable dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use. See ingredients section on page 1 of this data sheet.

Engineering Controls:

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

Personal Protection:

The following instructions are meant for people coming into frequent and lengthy contact with this product. For occasional use, take precautions suitable for the conditions under which the product is being used.

Respiratory Protection: It is usually safe to not use respiratory protection. However, there may be circumstances where use of a mask or other device is preferred. Use judgement. For help in selecting suitable equipment consult AS/NZS 1715.

Protective Gloves: Rubber, PVC or other protective gloves are not necessary but are desirable, especially if product is being used frequently or for lengthy periods. For help in selecting suitable gloves consult AS 2161.

Eye Protection: Eye protective measures are suggested when using this product. Consult AS 1336 and AS/NZS 1337 for information about eye protection.

Clothing: Clean overalls should be worn, preferably with an apron. Consult AS 2919 for advice on Industrial Clothing.