



# MATERIAL SAFETY DATA SHEET

Conforms to EU Directive 91/155

## 1 IDENTIFICATION OF SUBSTANCE



### PRODUCT DETAILS

**TRADE NAME:** EnroWAX HSE 50  
**PRODUCT CODE:** EnroWAX HSE 50  
**APPLICATION OF THE SUBSTANCE/ PREPARATION:** Construction board additive.

#### Manufacturer/Supplier:

EnroChem Trading DMCC  
Jewellery & Gemplex Building  
DMCC, Dubai

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## 2 COMPOSITION/INFORMATION ON COMPONENTS



### CHEMICAL CHARACTERISATION

**Description:** Paraffin wax blend (CAS 8002-74-2) - Fraction % 48 - 50, Proprietary emulsification additives - Fraction % 5 - 8,

Water (CAS 7732-18-5) - Fraction % 45-55

**Dangerous Components:** None

## 3 HAZARDS IDENTIFICATION



**Hazard Designation:** Not considered hazardous under normal conditions of use. Can release irritating and/or toxic fumes and vapours if involved in a fire.

**Information Pertaining to Particular Dangers for Man and the Environment:** N/A

## 4 FIRST AID MEASURES



**General Information:** No special measures required.

**Oral Exposure:** Do not induce vomiting. Rinse mouth and lips with plenty of water. Seek medical attention or hospitalise.

**Inhalation Exposure:** If inhalation of vapours or mist occur move to fresh air. Contact physician or hospitalise, if breathing problems occur.

**Dermal Exposure:** Wash immediately and thoroughly with soap and water.

**Eye Exposure:** If splashed into eyes flush immediately with clean cold running water for at least 15 minutes. Contact physician immediately.

## 5 FIRE FIGHTING MEASURES



**Fire class:** Non-flammable water-based product.



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## 5 FIRE FIGHTING MEASURES

**Extinguishing media:** Use water, fog, foam, dry chemical or CO<sub>2</sub>.

**Special hazards arising from the substance or mixture:** At high temperatures thermal decomposition can occur. Toxic products like carbon oxides.

**Advice for firefighters:** Special protective equipment for firefighting: Use self-contained breathing apparatus Impermeable protective clothing (jacket and trousers) with helmet.

## 6 ACCIDENTAL RELEASE MEASURES



**Personal Safety Precautions:** Wear suitable personal protective equipment. Avoid contact with eyes and skin. Avoid inhalation of vapours or mist.

**Measures for Environmental Protection:** Do not allow entry to drain, water courses or soil.

**Methods for Cleaning/ Collecting:** Contain and absorb with inert absorbent material (sand or saw dust). Take up mechanically and place in labelled container. Flush with water after cleaning. Recover waste water for later processing.

## 7 HANDLING AND STORAGE



### HANDLING

**Information for Safe Handling:** Avoid spilling. Clean up any spillages immediately. Wear breathing apparatus in case of spraying.

**Information about Protection against Explosion and Fire:** Keep away from sources of ignition. Observe the general rules of industrial fire protection.

### STORAGE

**Requirements to be met by Storerooms and Containers:** Store under cover away from heat sources. Do not store below 5°C. Do not heat above 90°C to avoid steam and boil over.

**Information about Storage in a Common Storage Facility:** None

**Further Information about Storage Conditions:** Keep container tightly closed in a cool, well-ventilated place, open and handle carefully. Keep away from sources of ignition. Store large quantities in a bunded area.

## 8 EXPOSURE CONTROLS & PERSONAL PROTECTION



**Additional Information about Design of Technical Systems:** No further data; see item 7.

**Components with Critical Values that Require Monitoring at the Workplace:** Please see below.

**Exposure limit values:** Exposure limit values are not available.

**DNEL/DMEL values:** DNEL/DMEL values are not available.

**PNEC values:** PNEC values are not available.

### PERSONAL PROTECTIVE EQUIPMENT

**General Protective and Hygiene Measures:** The usual precautionary measures should be adhered to in handling the chemicals.



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## 8 EXPOSURE CONTROLS & PERSONAL PROTECTION



**Respiratory:** Not required for properly ventilated areas. If there is potential for inhalation of dust or vapor, wear a NIOSH approved respirator. The respirator must be selected based on contamination levels and use conditions found in the workplace. Use conditions must not exceed the working limits of the respirator. The respirator must be used in accordance with the OSHA respiratory protection standard (29 CFR 1910.134).

**Hand: Protective:** Wear PVC or butyl rubber gloves.

**Eye:** Wear safety glasses or goggles that conform to ANSI Z87.1 under normal conditions. Wear face shield when transferring large quantities.

**Body:** Normal protective clothing or protective suit.

**Additional recommendations:** Provide safety showers and eyewash stations near the work area.

## 9 PHYSICAL & CHEMICAL PROPERTIES



**Appearance and odour:** White liquid with low waxy odour.

**Density:** 0.96kg/l at 25°C

**Vapor density:** Not applicable

**Solubility in water:** Fully dilutable

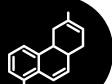
**Evaporation rate:** Water will evaporate

**pH value:** 7.6

**Boiling point:** 100 °C

**Viscosity [Brookfield]:** 1000cP at 25°C

## 10 STABILITY & REACTIVITY



**Reactivity:** Avoid exposure to open flame or temperatures exceeding recommended processing conditions.

**Stability:** Stable under normal handling and storage conditions.

**Conditions to Avoid:** Storage below 5°C or above 60°C.

**Minimum Shelf Life:** 12 months from date of manufacture.

**Dangerous Reactions:** Strong oxidising agents.

**Dangerous Products of Decomposition:** Thermal decomposition products are highly dependent upon the combustion conditions. A complex mixture of airborne solid, liquid particulates and gases will evolve when this product undergoes pyrolysis or combustion. CO, CO2 and unidentified organic compounds may be formed upon combustion.

## 11 TOXICOLOGICAL INFORMATION



THE TOXICOLOGICAL EFFECTS OF THIS PRODUCT HAVE NOT BEEN THOROUGHLY STUDIED. UNLIKELY TO CAUSE HARM IF ACCIDENTAL CONTACT WITH SMALL AMOUNTS OCCURS.

The toxicological information of the components of the product as listed in section 3 can be found on the specific material safety datasheets of the products.



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## 12 ECOLOGICAL INFORMATION



### Toxicity

Fish toxicity: not tested.  
Daphnia toxicity: not tested.  
Algae toxicity: not tested.  
Bacteria toxicity: not tested.

### INFORMATION about elimination (persistence and degradability)

No data available. Material is considered inert and not expected to be biodegradable.

### Bioaccumulative potential

Not tested

### Mobility in soil

Not tested

### Results of PBT and vPvB assessment

No information is available as no chemical safety report (CSR) is required.

### Other adverse effects

No other known adverse effects.

## 13 DISPOSAL CONSIDERATIONS



Product can be disposed of or incinerated together with household refuse in accordance with local disposal regulations.

## 14 TRANSPORT INFORMATION



UN number: N/A

UN proper shipping name: N/A

Transport hazard class(es): Not regulated

Packing group: Not classified

Environmental hazards: N/A

Special precautions for user: See sections 6 to 8.



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## 15 REGULATORY INFORMATION



**Safety, health and environmental regulations/legislation specific for the substance or mixture:** No other data available.

**Chemical safety assessment:** No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

## 16 OTHER INFORMATION



### NOTICE TO READER

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Data Specification sheet issued by:** EnroChem Trading DMCC

**Contact:** Max Roux

