

1. Identification of substance or mixture and company

1.1 Product identification

Name of product : **HIDROTWINS.85**

Description of product: finishing product for terracotta

Type of product: liquid

1.2 Pertinent uses of product or substance:

1.2.1 Pertinent uses: finishing treatment of terracotta

1.2.2 Non-pertinent uses: no data available

1.3 Information on supplier:

Lantania S.r.l.

Via Grumello 45/B – 24127 Bergamo IT

Ph. +39 035 2650943 – Fax +39 035 2650861 email info@lantania.it www.lantania.it

1.4 Emergency phone number

Centro Antiveleni Ospedale Maggiore in Milano **+39 02 6444.7053**

2. IDENTIFICATION OF DANGERS

2.1 Classification of substance or mixture according to Regulation EC n. 1272/2008

The product is not classified as dangerous

Irritant Xi; H315 H319

Danger for human health: eyes and skin irritant

See chapt.16 for whole text of H sentence

See chapt. 11 for more info about effects on health

Indications of danger: harmful if swallowed

causes skin irritation

causes severe damages to eyes

Indications of precaution:

Prevention : wear protective gloves, wear protection to eyes and face, do not eat, drink or smoke during use. Well wash hands after use.

Disposal : do not waste in the environment

2.2 Labelling: Symbols of risk :



Indications of danger: Irritant

Risk: H 315 causes eyes irritation

H 319 causes severe eyes irritation

Safety: S24/S25 avoid contact with eyes and skin

S36/S37/S39 wear protective clothes and gloves, protect eyes/face

Additional info on label: not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Not applicable

3.2 MIXTURES

No dangerous component to be indicated according to Regulation (CE) no. 1907/2006 and (CE) No.453/2010

4. FIRST AID

4.1 Description of first aid measures

- First aid in case of contact with skin: Remove dirty shoes and clothes, then dispose safely. Wash the concerned area with water and soap. Immediately call a doctor in case irritations, swelling or redness generate or persist.
- First aid in case of contact with eyes: Rinse gently with water for some minutes. Call the doctor in case of persistent irritation.

4.2 Main acute and delayed symptoms and effects

- skin contact : Redness, irritations
- eyes contact : Eyes irritation

4.3 Indications on the need to call a doctor and special treatments

- No data available

5. ANTI-FIRE MEASURES

The product is not flammable

6. ACCIDENTAL DISCHARGE

6.1 Personal precautions, protective equipment and emergency procedures:
wear personal protective equipments

6.2 Precautions for environment : avoid discharge in water

6.3 Methods and materials to clean and collect: collect with absorbent materials like sand, sawdust and dispose according to rules about disposal.

7. HANDLING AND WAREHOUSE

7.1 Safety handle: wear gloves, apron, glasses and boots

7.2 Safety warehouse: keep container well sealed in a dry place, protect from freeze and avoid temperature higher than 40°C. Do not place together with acids and strong basis.

7.3 Specific final uses: finishing treatment

8. EXPOSURE CONTROL – PERSONAL PROTECTION

8.1 Limits of exposure: no substance with limit of exposure is included

8.2 Exposure control

- technical checks : handle inside ventilated areas
- individual protection: wear gloves and glasses, in normal use conditions no vapor is generated
- Environmental control: avoid product discharge in sewer

9. CHEMICAL AND PHYSICAL PROPERTIES

9.1 Information on chemical and basilar physical properties

- status : liquid
- color: white
- odor: typical
- odor threshold: no data available
- pH: between 6 and 8
- boiling point: approx. 105°C
- fusion point: not applicable
- flashing point: not applicable
- ignition temperature: n.d.
- vapor tension: n.d.
- viscosity: approx. 30 mPa s
- solubility: soluble in water

10. STABILITY AND REACTIVITY

10.1 Reactivity: no particular dangerous reaction in normal use condition

10.2 Chemical stability: the product is chemically stable

10.3 Possibility of dangerous reaction: n.d.

10.4 Conditions to avoid: contact with acids and strong basis

10.5 Non-compatible materials: no data available

10.6 Dangerous products of decomposition: decomposition starts at temperatures higher than 150°C; in normal use conditions no dangerous substance will decompose

11. TOXICITY INFORMATION

- Inhalation acute toxicity: n.d.
- Oral acute toxicity: LD50 ratto > 5.110 mg/kg
- Contact with skin: may cause irritation
- Contact with eyes: may cause eyes irritation
- Cancerogenicità: no data available
- Mutagenicità: no data available
- Teratogenicità: no data available

12. ECOLOGICAL INFORMATION

- Water toxicity: no data available
- Persistence and biodegradability : no data available
- Bioaccumulability: no data available

13. DISPOSAL

- Methods of wastes treatment: during normal use no waste is generated.
- Methods of container treatment: make sure the container is totally empty and re-use if possible.

14. TRANSPORT

ADR not applicable
IMDG not applicable
IATA not applicable

15. REGULATION

15.1 Regulation on health, safety and environment specific for the mixture

- Regulation CE n. 1907/2006 (Reach), Annex XIV list of substances subject to authorization
– substances SVHC: not present in the list
- Annex XVII: not present in the list

16. ADDITIONAL INFORMATION

16.1 Classification according to Regulation CE 1272/2008

- Hazard indications
H315 causes skin irritation

H 319 causes severe eyes irritation

16.2 Classification according to Directive 67/548/CEE

- Risk indication
 - R36 eyes irritating
 - R38 irritant at contact with the skin
 - R43 may cause sensitization at contact with the skin
- Safety sentence
 - S26 in case of contact with eyes immediately wash with water and check with a doctor.
 - S36 wear suitable protective clothes
 - S37 wear suitable gloves
 - S39 protect eyes and skin

Professional training

Before handling this substance/mixture the staff must be trained according to this safety data sheet.

Additional information

The information herein contained are based on our current knowledge.

The present data sheet has been draught in good faith but without warranty, express or otherwise. It's the user's responsibility to determine the applicability of the product according to what above indicated. In case of doubts, we suggest to contact the supplier or a technician.

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