

CHRYSO®Tard CE-R
Chloride free set retarding water reducing/plasticising admixture



SAFETY DATA SHEET
(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Substance/preparation

Trade name: **CHRYSO®Tard CE-R**

Normal use: Chloride free set retarding water reducing/plasticising admixture

Company

CHRYSO Southern Africa (Pty) LTD

Tel: +27(0)11 395 9700 | Fax: +27(0)11 397 6644

Website: www.chryso.com

Sharecall facility: 0861 CHRYSO

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances present on their own: No hazardous substances in this category is present.

Other substances representing a hazard: No known substances in this category is present.

Substances present at a concentration below minimum danger threshold: No known substances in this category is present.

Other substances with occupational exposure limits: No known substances in this category is present.

3. IDENTIFICATION OF HAZARDS

CHRYSO®Tard CE-R is not classified as hazardous to health by directive 88/379/EEC.

Inhalation

Not expected to present a hazard under anticipated conditions of normal use.

Ingestion

Ingestion of large amounts of **CHRYSO®Tard CE-R** may cause abdominal pain and diarrhoea.

Eyes

CHRYSO®Tard CE-R is an eye irritant upon direct contact.

Skin

Repeated or prolonged skin contact may cause irritation.

4. FIRST AID

As a general rule, always call a doctor in case of doubt or if symptoms persist. Never induce swallowing in an unconscious person.

Inhalation

Without risks.

Ingestion

With ingestion, wash out mouth thoroughly with fresh water, but do not induce vomiting. Seek medical advice and show this material safety data sheet.

Eyes

If **CHRYSO®Tard CE-R** is splashed in or has any contact with a person's eyes – hold the eyelids open and wash thoroughly with water. Seek medical attention if pain, blinking or redness persists.

Skin

Should **CHRYSO®CE-R** have any contact with the skin, wash the affected area with mild soap and water. Remove contaminated clothing. Obtain medical attention if irritation persists.

CHRYSO®Tard CE-R
Chloride free set retarding water reducing/plasticising admixture

5. FIRE FIGHTING MEASURES

CHRYSO®CE-R is not flammable.

6. MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE

Safety precautions

Consult safety measures under section 7 and section 8 of this data sheet (handling and storage, exposure control/personal safety). Equip the clean-up crew with proper protection.

Environmental safety precautions

Prevent any material from entering drains or waterways. Use drums to dispose of waste that is recovered in accordance with section 13 of this data sheet (disposal considerations). If CHRYSO®Tard CE-R contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

Cleaning methods

Contain and control the leaks or spills with non-combustible absorbent materials such as absorbent brooms, sand, earth, vermiculite, and diatom earth in drums for waste disposal. Clean up spills as soon as possible and use disposable containers. Clean preferably with a detergent, do not use solvents.

7. HANDLING AND STORAGE

The regulations that apply to the storage premises of CHRYSO®Tard CE-R must apply to workshops where the product is handled.

CHRYSO®Tard CE-R must be handled in accordance with good industrial hygiene and safety procedures. Observe precautions stated on the label as well as industrial safety regulations.

Keep the product away from a person's or an animal's food or drink. All smoking, eating and drinking must be prohibited in premises where the preparation is used. Wash hands and other exposed areas with mild soap before one eats, drinks or smokes and before leaving work. Avoid any contact with the eyes.

CHRYSO®Tard CE-R must be stored in a dry, well ventilated area. Prevent access of any unauthorised personnel onto the premises.

8. EXPOSURE CONTROL/PERSONAL SAFETY



Exposure limits per INRS ND 1945-153-93/(1996) and ND 2022-163-96: Substance in this category is unknown.

Skin protection

Personnel must wear regularly laundered overalls and physical protective equipment including gloves.

Eye protection

Avoid contact with eyes and use safety goggles. Supply eye washes in workshops where CHRYSO®Tard CE-R is constantly handled. For further information, see section 11 of this safety data sheet (toxicological information).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Brown
Specific gravity (25°C):	1.250 (±0.02)
pH:	11 (±2)
Cl ions content:	≤ 0.1%
Flash point:	168°C
Na ₂ O:	≤ 1%
Solubility in water:	Soluble

10. STABILITY AND REACTIVITY

This material is stable at the handling and storage conditions recommended in section 7 (handling and storage) of this data sheet.

CHRYSO®Tard CE-R
Chloride free set retarding water reducing/plasticising admixture

11. TOXICOLOGICAL INFORMATION

For preparations with 1 constituent, formaldehyde is released during hardening.

For preparations with 2 constituents, pulverisation aerosols contain formaldehyde and a certain amount of this substance is released before hardening.

Formaldehyde may cause irreversible effects, irritation of the mucous membranes and sensitivity of the respiratory organs.

12. ECOLOGICAL INFORMATION

No ecological data on this product itself is available.

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways. Dispose this product and its container at a hazardous or special waste collection point in a safe manner and in accordance with national/municipal regulations; avoid its release into the environment.

14. TRANSPORT INFORMATION

Exempt from transport classification and labelling.

15. REGULATORY INFORMATION

CHRYSO®Tard CE-R is not classified as hazardous to health by directive 88/379/EEC and its adaptations.

In addition directive 98/98/EC with the 25° adaptation of directive 67/548/EC (hazardous substances) has been taken into account

16. OTHER INFORMATION

Print date: 2015/03/24

Disclaimer: The user's working conditions are not known by **CHRYSO**, the information supplied on this safety data sheet is based on **CHRYSO's** current level of knowledge and on national and community regulations.

CHRYSO®Tard CE-R must not be used for any purposes other than those specified under section 1 (identification of the substance/preparation and the company) without first obtaining written instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

The contents and format of this material safety data sheet are in accordance with EEC Commission Directive 2001/58/EC.