

MATERIAL SAFETY DATA SHEET	Page : 1
	Revision nr : 1
	Date : 09/05/2006
CHRYSO[®]Plast Activator +	Supersedes :

Producer

CHRYSO SAF
 Post Net Suite # 59
 Private Bag X 1
 East Rand
 1462
 Telephone : (011) 395-9700/1/2/3/4 Fax : (011) 397-6644

1. Identification of the product and the company

Identification of the product : Liquid
 Company identification : See producer
 Trade name : CHRYSO[®]Plast Activator +
 Type of product : Concrete - Admixture
 Use : Industrial

2. Information on ingredients

Hazardous substances present on their own

(Present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100 % pure state)

The preparation contains no Hazardous substance in this category

Other substances representing a hazard :

No known substances in this category present

Substances present at a concentration below the minimum danger threshold

Sodium Chloride Concentration >=5.00% and <10.00%

Activator Concentrate >=5.00 %

Biocide >=0.3%

Other substances with occupational limits

No known substance in this category present

3. Hazards identification

This preparation is not classed as hazardous to health by directive 88/379/EEC.

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site.

MATERIAL SAFETY DATA SHEET	Page : 2
	Revision nr : 1
	Date : 09/05/2006
CHRYSO[®] Plast Activator +	Supersedes :

4. First aid measures

As a general rule, in case of doubt of it symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person

In the event of exposure by inhalation.

In the event of inhalation, move the patient into the fresh air and keep him / her warm and still

In the event of splashes or contact with eyes.

Wash in water

In the event of splashes or contact with skin

Wash the parts of the body, which are in contact with product (Water + soap)

5. Fire-fighting measures

Not relevant

Special equipment for fire-fighting personnel

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6. Accidental release measures

Safety precautions :

Consult the .safety measures listed under heading 7 and 8

Environmental safety precautions :

Contains and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, and diatom earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Cleaning methods

Clean preferable with a detergent, do not use solvents

MATERIAL SAFETY DATA SHEET	Page : 3
	Revision nr : 1
	Date : 09/05/2006
CHRYSO[®] Plast Activator +	Supersedes :

7. Handling and storage

The regulations relating to storage premises apply to workshops where the product is handled.

Handling

Handle in well-ventilated areas.

Fire prevention

Prevent access by unauthorized personnel

8. Exposure controls/ Personal protection



Personal protection

Technical Measures

Personnel shall wear regularly laundered overalls.

Exposure limits per INRS ND 1945-153-93 / (1996) and ND 2022-163-96 :

Substances in this category unknown

Hand protection

Wear gloves

9. Physical and chemical properties

Physical state	: Liquid
Colour	: Amber
Density	: 1.080
Acid / base character of preparation	: Neutral
Solubility of preparation in water	: Dilutable
Vapor tension at 50 °C of volatile constituents	: Below 100Kpa (1.10 bar)
Physical state	: fluid liquid
Flash point interval	: > 100°C
When a pH measure is possible, it has a value of	: 5.0 - 8.0
Self-ignition temperature	: not relevant
Decomposition temperature	: not relevant
Melting temperature interval	: not relevant
Average distillation temperature of solvents contained	: not relevant

MATERIAL SAFETY DATA SHEET	Page : 4
	Revision nr :
	Date : 09/05/2006
	Supersedes :
CHRYSO[®] Plast Activator +	

10. Stability and reactivity

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet.

11. Toxicological information

The preparation contains no substance classed as hazardous per directive 67/548/EEC

In the event of swallowing

Consult doctor, give him this sheet

In the event of splashes or contact with skin

Wash the parts of the body, which are in contact with product (water + soap)

In the event of splashes or contact with eyes

Rinse with plenty of water

12. Ecological information

No ecological data on the product itself is available.

13. Disposal considerations

Do not pour into drains or waterways

14. Transport information

Exempt from transport classification and labeling.

Transport product in compliance with provisions of ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

15. Statutory Information

This preparation was classified in compliance with the directive known as "All preparations" 88/379/EEC and its adaptations

In addition directive 97/68/EC with the 23rd adaptation of directive 67/548/EC (Hazardous substances) have been taken into account.

MATERIAL SAFETY DATA SHEET	Page : 5
	Revision nr : 1
	Date : 09/05/2006
CHRYSO[®] Plast Activator +	Supersedes :

16. Other information

The data and advice given apply when the products is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the products for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advise from Chryso.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling the products is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precaution which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC.

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document