



14/09/09

Artikelnummer 5555 Krita neongrön 200g MATERIAL SAFETY DATA SHEET

(Conforms to the EC Commission 2001/58/EC)

Revised : September 15. 2008

Version : 1

Product : **FLUORESCENT MARKING CHALK POWDER**

1.- PRODUCT NAME :

Registered name : **GREEN FLUORESCENT CHALK POWDER**

2.- COMPOSITION / INFORMATION ON INGREDIENTS:

Chemical Characterization : Polymer colored in the mass + carbonate calcium

N° CAS : 57455.37.5

EINECS : 309-928-3

MITI (JAPAN) : 1-22

TSCA (U.S.A.), AICS (Australia), DSL (Canada) = CAS N°

3.- HAZARD IDENTIFICATION:

Fluorescent chalk powder are totally non toxic products for human health and environment

4.- FIRST AID MEASURES:

General Advice : Take off dirty clothes.

- After inhalation : Take the victim into the fresh air.
- After skin contact : Flush away with soap and water and rise
- After eyes contact ; Flush eyes with plenty of water (10-15min.)
- After accidental ingestion : Rinse mouth with water and drink water. Call a physician.

5.- FIRE FIGHTING MEASURES:

Not flammable product.

Suitable extinguishing media : no special extinguishing media

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged.

Sulfur dioxide gas may be released.

Special protective equipments

When extinguishing fires, use breathing apparatus with an independent source of air.



6.- ACCIDENT RELEASE MEASURES:

Personal Precautions :

Avoid dust development. (see sections 7 and 8)

Environment precautions

Do not empty into drains, river, lakes or sewages.

Collect under wet conditions.

7.- HANDLING AND STORAGE:

Handling :

Avoid breathing dust and use with adequate ventilation.

Spots on skin and clothes can be easily washed.

Requirements to be met by storerooms and containers :

Keep containers tightly sealed.

Packaging : bags (paper, plastic, cloth) or drums.

8.- EXPOSURE CONTROLS ABOUT ENGINEERING MEASURES :

Additional information about engineering

No special measures must be observed. Provision is required to keep exposure below permissible limit :

Ceiling Value : < 10 mg/m³ for 8 hours – Total breathable in dust

TWA : < 5 mg/m³ for 8 hours – Total breathable dust.

Personal protective equipment

If workplace limits are exceeded, a gas mask approved for this particular job must be worn :

Filter P2 (Solid and liquid particles) (DIN 3181)

9.- PHYSICAL AND CHEMICAL PROPERTIES:

Form : Powder

Color : green or Orange

Odor : Odorless

PH : 6-7

Melting Point : > 140°C

Explosive properties : The material is not explosive

Solubility in water : insoluble

Solubility in solvents : insoluble

Density (20°C) : 1.7 gr/cm³

10.- STABILITY AND REACTIVITY:

Conditions to avoid :

Above 400°C (750°F) in air presence of air sulfur dioxide gas is released.

Hydrogen Sulfide may be released in contact with acids. (not resistant grades)



11.- TOXICOLOGICAL INFORMATION

Non toxic products

LD50 > 10gr/Kg (rats)

LC50 > 32000 mg/Kg (fish)

12.- ECOLOGICAL INFORMATION:

Fluorescent chalk powders pose no threat to the environment.

13.- DISPOSAL CONSIDERATION:

Product

In accordance with local official regulations pass on to an appropriate waste dump. The product is no water-soluble and can thus be removed mechanically in suitable plants.

Contaminated packaging

Empty packaging can be recycled.

14.- TRANSPORT INFORMATION:

Not classified as hazardous under transport regulations

15- REGULATORY INFORMATION:

Fluorescent chalk powders are not classified as dangerous

16.- OTHER INFORMATION:

Users/Distributors of our products must handle and store them according to existing regulations. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.