

Safety Data Sheet



according to Regulation (EU) No. 1907/2006

Frit V0 6129 Z

Print date : 07.02.2008

Product code : EV0-6129_Z

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Frit V0 6129 Z

Company/undertaking identification

Company name :	REIMBOLD & STRICK	Distributed by:
Handels- und Entwicklungsgesellschaft für chemisch-keramische Produkte mbh		Laguna Clay Company
Street :	Kunftstraße 4	14400 Lomitas Ave
Place :	D-51103 Köln	City of Industry, CA 91746
Post-office box :	910653	1-800-4Laguna
	D-51076 Köln	info@lagunaclay.com
Telephone :	+49 (0) 221 8285-0	Telefax : +49 (0) 221 8285-660
e-mail :	info@reimbold-und-strick.de	www.lagunaclay.com
Inquiry office :	In case of emergency, informations through Information Centre for Toxicic	
	D-13437 Berlin	
Emergency telephone :	030/19240	

2. Hazards identification

Classification

Indications of danger : Toxic
 R-phrases :
 May cause harm to the unborn child.
 Harmful by inhalation and if swallowed.
 Danger of cumulative effects.
 Possible risk of impaired fertility.

3. Composition/information on ingredients

Chemical characterization (substance)

Ceramic frit. CAS-No.: 65997-18-4, EINECS-No.: 266-047-6.

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
-	-	lead frittet	7,5 %	Repr. Cat. 1, Repr. Cat. 3, T R61-20/22-33-62
-	--	cadmium compound	1,5 %	Xn, N R20/21/22-50-53

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

After inhalation

Ensure supply of fresh air. In the event of symptoms refer for medical treatment.

After contact with skin

In case of contact with skin wash off immediately with soap and water

After contact with eyes

In case of contact with eyes rinse thoroughly with water.

After ingestion

Seek medical advice immediately.

5. Fire-fighting measures

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Additional information

Product itself is non-combustible. Co-ordinate fire-fighting measures to the fire surroundings.

6. Accidental release measures

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up/taking up

Take up mechanically. Avoid raising dust. Send in suitable containers for recovery or disposal.

7. Handling and storage

Handling

Advice on safe handling

Avoid the formation and deposition of dust. Provide extraction if dust raised. Use breathing apparatus when transferring large quantities without extraction facilities.

Storage

Requirements for storage rooms and vessels

Keep container tightly closed and in a cool, well-ventilated place.

8. Exposure controls/personal protection

Exposure limit values

Additional advice on control parameters

MAK value (Pb) (E = inhaleable fraction): 0,1 mg/m³.

TRK value (Cd) (E = inhaleable fraction): 0,015 mg/m³.

Observe general dust limit MAK (A = respirable fraction): 3 mg/m³.

Exposure controls

Protective and hygiene measures

Do not inhale dust. Avoid contact with eyes and skin. At work do not eat, drink, smoke or take drugs. After work-time and during work intervals the affected skin areas must be thoroughly cleaned. Keep away from food and drink. Take off all contaminated clothing.

Respiratory protection

Fine dust-protection mask (filter P3, DIN-EN 141) if MAK value exceeded.

Hand protection

Work gloves.

Eye protection

Goggles

Skin protection

Protective clothing

9. Physical and chemical properties

General information

Physical state : Powder
 Colour : white
 Odour : odourless

Important health, safety and environmental information

Test method

Changes in the physical state

Laguna Clay Company

www.Lagunaclay.com

1-800-4Laguna

info@Lagunaclay.com



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Flash point : n.a.
 Lower explosion limits : n.a.
 Water solubility : n.d.
 Solubility in other solvents : HCL: Pb > 5% ISO 6713

Other information

Ignition temperature : n.a.

10. Stability and reactivity

Materials to avoid

No hazardous reactions observed.

Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information

Further information

No data is available on the product itself.

12. Ecological information

Persistence and degradability

Slightly water-soluble inorganic product. It can be eliminated mechanically from the water in purification plants.

Further information

Ecological data are not available.

13. Disposal considerations

Advice on disposal

In accordance with regulations for special waste, must be taken to an authorised special waste disposal site.

Waste disposal number of waste from residues/unused products

100405 WASTES FROM THERMAL PROCESSES; wastes from lead thermal metallurgy; other particulates and dust
 Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances
 Classified as hazardous waste.

14. Transport information

Land transport (ADR/RID)

UN number : 2291
 ADR/RID class : 6.1
 Warning plate
 Hazard-no. : 60
 Hazard label : 6.1
 ADR/RID packing group : III

Description of the goods

UN 2291 = Lead compound, soluble, n.o.s., (frit plumbiferous contains red lead)

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15. Regulatory information

Labelling

Danger symbols : T - Toxic



T - Toxic

Hazardous component(s) to be indicated on label

Lead compound, cadmium compound

R phrases

- | | |
|----------|---|
| 33 | Danger of cumulative effects. |
| 61 | May cause harm to the unborn child. |
| 62 | Possible risk of impaired fertility. |
| 20/21/22 | Harmful by inhalation, in contact with skin and if swallowed. |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

S phrases

- | | |
|----|---|
| 53 | Avoid exposure - obtain special instructions before use. |
| 45 | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |
| 61 | Avoid release to the environment. Refer to special instructions / Safety data sheets. |

Special labelling for certain preparations

Restricted to professional users.

Additional advice on labelling

The product is classified and labelled in accordance with the EC Directives on dangerous substances.

National regulatory information

Water contaminating class : 3 - highly water contaminating

Additional information

TRGS 505 "Blei und bleihaltige Gefahrstoffe" (Germany).

16. Other information

Full text of R-phrases referred to under sections 2 and 3

- | | |
|----------|---|
| 33 | Danger of cumulative effects. |
| 50 | Very toxic to aquatic organisms. |
| 53 | May cause long-term adverse effects in the aquatic environment. |
| 61 | May cause harm to the unborn child. |
| 62 | Possible risk of impaired fertility. |
| 20/22 | Harmful by inhalation and if swallowed. |
| 20/21/22 | Harmful by inhalation, in contact with skin and if swallowed. |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

Other data

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The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet for chemical products, according to Regulation (EU) No. 1907/2006, is to describe the products in terms of their safety requirements. The data does not signify any warranty regarding the properties of these products.

n.a. = not applicable

n.d. = not determined



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