

Technical Datasheet



Trade name : Zinc Paste
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Description

bio-chem Zinc Paste is a high-tech basic coating for corrosion protection. By covering the surface in a roof-tile-like manner, an excellent surface protection is achieved. It is fast drying, durable and elastic abrasion-resistant. It builds a protective layer, highly resistant to aggressive environmental influences. bio-chem Zinc Paste may be used in the foodstuffs industry, in the automobile trade, in vehicle construction, agriculture, public businesses, in the building sector and in the sphere of home and hobby

Chemical characterisation

Corrosion protection paste

Classification according to Regulation (EC) No.1272/2008 [CLP]

Aquatic Acute 1 ; H400 - Hazardous to the aquatic environment : Category 1 ; Very toxic to aquatic life.
Aquatic Chronic 1 ; H410 - Hazardous to the aquatic environment : Category 1 ; Very toxic to aquatic life with long lasting effects.
Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

Transport information

ADR : UN 1993 FLAMMABLE LIQUID, N.O.S. (ZINC POWDER · NAPHTHA (PETROLEUM), LIGHT AROMATIC · XYLENE)

Water hazard class (Classification according to VwVwS)

Water hazard class : 2 (hazardous to water)

Labelling for contents according to regulation (EC) No. 648/2004

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Safety equipment

Eye / Face protection:	suitable safety goggles acc. EN 166	In case of splash
Hand protection:	suitable gloves type EN 374	In case of possible skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

Mix bio-chem Zinc Paste well before use. Apply to the surface to be protected with a brush or airless device. After 10 minutes, the surface is grasped, dried after 12 hours.

Zinc content in dry film: 95 %; Zinc purity: 98,5 – 99,7 %

Technical data

Appearance :	Paste		
Colour :	grey		
Odour :	Characteristic		
Boiling temperature :	ca. 140-180 °C	Solidifying temperature :	not determined
Flash point :	> 23 °C	Ignition temperature :	> 465 °C
Lower explosion limit :	ca. 1 Vol.-%	Upper explosion limit :	ca. 8 Vol.-%
Density (20 °C) :	ca. 2.85 g/cm ³	pH-value (10 g/l) :	not applicable
VOC (EG) :	15 Wt %	VOC (CH) :	15 Wt %

Storage

Keep/store only in original container. Keep container tightly closed in a cool, well-ventilated place. Optimized storage temperature is between 2 °C up to 35 °C. The product is storable in closed original packaging for at least 12 months. Starting date is the date of production.

Storage class (acc. TRGS 510): 4.3

Note: Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharge.

Disposal advices

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

	Waste code acc. EWC/AVV for unused product	Waste code acc. EWC/AVV for packaging
08 01 11	Wastes from the MFSU of coatings (paints, varnishes, enamels), adhesives, sealants and printing inks. (Paint and varnish waste containing organic solvents or other hazardous substances).	15 01 04 metallic packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

Order information

B50003	500 g tinplate can – TU: 12 x 500 g
B00103	1 kg tinplate can – TU: 12x 1 kg
B01003	10 kg tinplate bucket

(EN)