

MATERIAL SAFETY DATA SHEET

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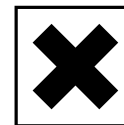
Supersedes : 0/0/0

ZINGACERAM (white,off white,light grey)**DGZCR1**

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Dangerous for the environment



Harmful

ProducerZINGAMETALL BVBA
INDUSTRIEPARK
ROZENSTRAAT 4
9810 EKE NAZARETH
Antipoison Center - tel : 32 070 245 245**Responsible for distribution**ZINGAMETALL BVBA
INDUSTRIEPARK
ROZENSTRAAT 4
9810 EKE NAZARETH
Antipoison Center - tel : 32 070 245 245**1. Identification of the product and the company**

Identification of the product : Liquid.
Company identification : See distributor.
Type of product : Paint.
Use : Industrial.
See product bulletin for detailed information.

2. Information on ingredients

- This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS nr / EINECS nr / EC index	Symbol(s)	R-Phrase(s)
<u>Xylene</u>	: 4 to 8	1330-20-7 / 215-535-7 / 601-022-00-9	Xn	10-20/21-38
TLV-TWA [mg/m3]	: 435			
Initial boiling point [°C]	: 135 to 145			
Density	: .9			
Solubility in water [% weight]	: Insoluble.			
Flash point [°C]	: ca 25			
Auto-ignition temperature [°C]	: 460			
Rabbit dermal LD50 [mg/kg]	: > 2000			
WGK class (Germany)	: 2			
<u>n-butyl acetate</u>	: 1 to 3 %	123-86-4 / 204-658-1 / 607-025-00-1		10-66-67
TLV-TWA [mg/m3]	: 713			
TLV-TWA [ppm]	: 150			
Initial boiling point [°C]	: 127			
Solubility in water [% weight]	: .7 (20° C)			
Flash point [°C]	: 22			
Rat oral LD50 [mg/kg]	: 14100			
WGK class (Germany)	: 1			
<u>Hydrocarbon-solvents (Aromatic)</u>	: 15 to 19 %	64742-95-6 / 265-199-0 / -----	N	10-51/53
Initial boiling point [°C]	: > 180			
Density	: .73 to .87			
Solubility in water [% weight]	: Insoluble.			
Flash point [°C]	: 47			
Auto-ignition temperature [°C]	: 475			
Explosion limits - lower [%]	: 1			
Explosion limits - upper [%]	: 6			
Hazardous component(s)	: -			

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3. Hazards identification

Risk Phrases	: This product is flammable.
Environmental hazard	: Toxic to aquatic organisms.
Primary route of exposure	: Vapours inhalation.
Symptoms relating to use	
- Inhalation	: Cough. Headache.
- Skin contact	: Not expected to present a significant skin hazard.
- Eye contact	: Contact with the eyes is likely to be irritating.
- Ingestion	: Abdominal pain, nausea.

4. First aid measures

First aid	
- Inhalation	: Assure fresh air breathing.
- Skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact	: Rinse immediately with plenty of water. Seek medical attention if irritation develops.
- Ingestion	: Rinse mouth. Spit. Seek medical advice (show the label where possible).

5. Fire - fighting measures

Flammable class	: This product is flammable.
Prevention	: No smoking.
Extinguishing media	: Dry chemical. Foam. Carbon dioxide.
Special exposure hazards	: Vapor mixes readily with air, forming explosive mixtures.
Protection against fire	: Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	: Exercise caution when fighting any chemical fire.

6. Accidental release measures

Personal precautions	: Equip cleanup crew with proper protection.
Environmental precautions	: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
After spillage and/or leakage	: Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. Handling and storage

General	: No naked lights. No smoking.
Precautions in handling and storage	: Handle in accordance with good industrial hygiene and safety procedures.
Technical protective measures	: Use only non-sparking tools. Ground well.
Storage	: Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Keep in fireproof place.
Handling	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure controls / personal protection

Personal protection	
- Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection	: In case of repeated or prolonged contact wear gloves.
- Skin protection	: In case of possible repeated skin contact wear protective clothing.
- Eye protection	: Goggles.

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8. Exposure controls / personal protection (continued)

- Ingestion : When using, do not eat, drink or smoke.
Industrial hygiene : Provide local exhaust or general room ventilation to minimize exposure to dust.
Occupational Exposure Limits
TLV-TWA [mg/m³] : No data available.

9. Physical and chemical properties

Physical state : Liquid.
Odour : Solvent.
Initial boiling point [°C] : 125
Final boiling point [°C] : 180
Density : 1.34
1.18 - 1.26
Solubility in water : Material insoluble in water.
Flash point [°C] : 26
Auto-ignition temperature [°C] : 385
% Volatiles (by weight) : 31.25 VOC = 418 g/l
Others : See Heading : Information on ingredients.

10. Stability and reactivity

Hazardous decomposition products : None under normal conditions.
Hazardous properties : In use, may form flammable/explosive vapour-air mixture.
Conditions to avoid : Open flame. Heat.

11. Toxicological information

Rat oral LD50 [mg/kg] : No data available.
Rabbit dermal LD50 [mg/kg] : No data available.
Rat inhalation LC50 [mg/l/4h] : No data available.

12. Ecological information

LC50-96 Hour - fish [mg/l] : No data available.
48 Hour-EC50 - Daphnia magna [mg/l] : No data available.
IC50 72h Algae [mg/l] : No data available.
COD-value [mg/l] : No data available.
BOD5-value [mg/l] : No data available.

13. Disposal considerations

Disposal : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

- UN No. : 1263
- Tremcard nr. : 753.
- ADR/RID : Class 3 III
- IMO-IMDG code : Class 3 III
- IMDG-Marine pollution : No.

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15. Regulatory information

Symbol(s)	: Dangerous for the environment. Harmful.
R Phrase(s)	: R10 : Flammable. R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R36/37 : Irritating to eyes and respiratory system.
S Phrase(s)	: S38 : In case of insufficient ventilation, wear suitable respiratory equipment. S51 : Use only in well-ventilated areas. S23 : Do not breathe the gas, fumes, vapours, spray. S24/25 : Avoid contact with skin and eyes. S57 : Use appropriate container to avoid environmental contamination.
VOC g/l	: 418

16. Other information

Further information : None.

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

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