



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

Product identifier

Name of product

Brushable Liquid Zinc Coating, bright (GB)
Code-Nr. 150010

Manufacturer/distributor

WEICON GmbH & Co. KG
Königsberger Straße 255, DE-48157 Münster
Postbox 84 60, DE-48045 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244
E-Mail : info@weicon.de
Internet : www.weicon.de

Advice

Abteilung Angebote, Verkauf, Export
Phone ++49(0)251 / 9322 - 0

Emergency advice

Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)
Phone ++49(0)228-19 240

Recommended intended purpose(s)

Technical Liquids

2. Hazards identification

Classification according to 67/548/EEC or 1999/45/EC

R10

Xn; R20

N; R50/53

R66

R-phrases

10 Flammable.

20 Harmful by inhalation.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66 Repeated exposure may cause skin dryness or cracking.

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Xn Harmful

N Dangerous for the environment

R-phrases

10 Flammable.

20 Harmful by inhalation.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66 Repeated exposure may cause skin dryness or cracking.

S-phrases

2 Keep out of the reach of children.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.



36/37 Wear suitable protective clothing and gloves.
46 If swallowed, seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling
xylene

3. Composition/information on ingredients

Description
Coating paint

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
100-41-4	202-849-4	ethylbenzene	2,5 - 10	F R11; Xn R20
7429-90-5	231-072-3	aluminium powder (stabilised)	2,5 - 10	F R11-15
7440-66-6	231-175-3	zinc powder - zinc dust (stabilized)	25 - 50	N R50-53
1330-20-7	215-535-7	xylene	10 - 24	R10; Xn R20/21; Xi R38
64742-95-6	265-200-4	Solvent naphtha (petroleum), light arom.	10 - 25	Xn R65
3006-13-1	221-108-6	Dodecylethyldimethylammonium ethyl sulphate	<= 2,5	Xn R22; N R50/53
64742-48-9		Naphtha (petroleum), hydrotreated heavy (NOTA P)	2,5 - 10	R10; Xn R65; R66

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In case of skin contact

In case of contact with skin wash off with soap and water.
Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Seek medical advice.
Do not induce vomiting.

Physician's information / possible dangers

Aspiration des Produkts kann Pneumonitis verursachen.

5. Firefighting measures

Suitable extinguishing media

Dry powder
Carbon dioxide
sand

Extinguishing media which must not be used for safety reasons

water

Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.



Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Cool endangered containers with water spray jet.
Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions

Remove persons to safety.
Use personal protective clothing.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains or bodies of water..

Methods for cleaning up

Disposal according to regulations.
Take up with absorbent material.

7. Handling and storage

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
Take precautionary measures against static discharges.

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store with combustible materials.

Further information on storage conditions

Store container at cool and aired place.
Protect from heat/overheating.

8. Exposure controls/personal protection

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
7429-90-5	Aluminium metal: inhalable dust	8 hours	10		EH40/2005
7429-90-5	Aluminium metal: respirable dust	8 hours	4		EH40/2005
71-36-3	butan-1-ol	8 hours			EH40/2005
		Short-term	154	50	
100-41-4	Ethylbenzene	8 hours	441	100	EH40/2005
		Short-term	552	125	
14807-96-6	Talc respirable dust	8 hours	1		EH40/2005
1330-20-7	Xylene, o-, m-, p- or mixed isomers	8 hours	220	50	EH40/2005
		Short-term	441	100	

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
100-41-4	ethylbenzene	8 hours	442	100	skin
		Short-term	884	200	



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 11.02.2011

Revision 10.02.2011 (GB) Version 6.0

Brushable Liquid Zinc Coating, bright (GB)

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU) (continued)

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
1330-20-7	xylylene, mixed isomers, pure	8 hours	221	50	skin
		Short-term	442	100	

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Hand protection

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: fluorinated rubber; 0,7mm; 480min; 60min;

Eye protection

safety goggles

Skin protection

protective clothing

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

9. Physical and chemical properties

Form

liquid

Colour

silver-coloured

Odour

solvent-like

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
boiling point	116 °C				
Flash point	27 °C				
Ignition temperature	240 °C				
Lower explosion limit	0,6 Vol-%				
Upper explosion limit	7,5 Vol-%				
Vapour pressure	6,7 hPa	20 °C			
Density	1,15 - 1,35 g/ cm ³				
Solubility in water					insoluble
Viscosity Outflow time	70 - 90 s			4 DIN 53211	

Explosive properties

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .



10. Stability and reactivity

Conditions to avoid

No hazardous reactions known.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Thermal decomposition

Remark No decomposition if used as directed.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	8700 mg/kg	rat		
LD50 acute dermal	2000 mg/kg	rabbit		
LC50 acute inhalation	6350 mg/l (4 h)	rat		
Irritability skin	irritant			
Irritability eye	non-irritant			
Skin sensitization	non-sensitizing			

Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

12. Ecological information

General regulation

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into aquatic environment.

13. Disposal considerations

Waste code No.

08 01 11*

Name of waste

waste paint and varnish containing organic solvents or other dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management Act 8 KrW-/AbfG) stipulates recycling as a requirement.

Recommendations for packaging

Dispose of according to the local waste regulations.

Packaging that cannot be cleaned should be disposed of like the product.



14. Transport information

Land and inland navigation transport ADR/RID

UN 1263 PAINT, 3, III, (D/E), Special provisions 640E, Classification code: F1
transport in "limited quantities" according to 3.4 ADR LQ2 is possible

Marine transport IMDG

UN 1263 PAINT (ZINC POWDER), 3, III, MARINE POLLUTANT
Transport as limited quantities according to 3.4 IMDG Code is possible.

Air transport ICAO/IATA-DGR

UN 1263 Paint, 3, III

Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

15. Regulatory information

16. Other information

Recommendend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

- R 10 Flammable.
- R 11 Highly flammable.
- R 15 Contact with water liberates extremely flammable gases.
- R 20 Harmful by inhalation.
- R 20/21 Harmful by inhalation and in contact with skin.
- R 22 Harmful if swallowed.
- R 38 Irritating to skin.
- R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R 65 Harmful: may cause lung damage if swallowed.
- R 66 Repeated exposure may cause skin dryness or cracking.