

Weicon GmbH

Revision date: 08.03.2010

Revision no.:

1,00

Zinc Coating, bright

7619-0195

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

Identification of the substance or preparation

Zinc Coating, bright

Further trade names

15001

Use of the substance/preparation

Technical material

Coating component

Company/undertaking identification

Manufacturer

Weicon GmbH

Königsberger Straße 255

D-48157 Münster

Telephone: +49 (0) 251 9322 - 0

Telefax: +49 (0) 251 9322 - 244

e-mail: info@weicon.de

Internet: www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier

WEICON Inc.

20 Steckle Place, Unit 20

Kitchener, Ontario N2E 2C3

Telephone: 519 896 5252

Telefax: 519 896 5254

e-mail: info@weicon.ca

Emergency telephone number: 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

2. Hazards identification

Classification

Indications of danger : Harmful, Dangerous for the environment

R-phrases:

Flammable.

Harmful by inhalation.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Repeated exposure may cause skin dryness or cracking.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Paint

Weicon GmbH

Revision date: 08.03.2010

Revision no.:

1,00

Zinc Coating, bright

7619-0195

Hazardous components

CAS-No.	Chemical name	Quantity
64742-82-1	Naphtha (petroleum)	50 - 100 %
7440-66-6	zinc powder - zinc dust (stabilized)	25 - 50 %
64742-95-6	Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified	10 - 25 %
1330-20-7	xylene	10 - 24 %
7429-90-5	aluminium powder (stabilised)	2.5 - 10 %
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	2.5 - 10 %
100-41-4	ethylbenzene	2.5 - 10 %
3006-13-1	Dodecylethyldimethylammonium ethyl sulfate	<=2.5 %

4. First aid measures**General information**

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

After contact with skin

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

In case of irritation consult a physician.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

After ingestion

Do not induce vomiting.

Seek medical treatment immediately.

Advice to doctor

Attention. Beware, danger of aspiration.

The following symptoms may occur:

Unconsciousness

Anaesthetic state

Headache

Nausea

Confusion

Dizziness

5. Fire-fighting measures**Suitable extinguishing media**

Dry powder

Carbon dioxide

Sand

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide and carbon dioxide.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Weicon GmbH

Revision date: 08.03.2010

Revision no.:

1,00

Zinc Coating, bright

7619-0195

Additional information

Cool containers at risk with water spray jet.

Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures**Personal precautions**

In case of vapour formation use respirator.

Keep away sources of ignition.

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains or bodies of water.

Methods for cleaning up/taking up

Take up residues with suitable absorbent materials.

Shovel into suitable container for disposal.

7. Handling and storage**Handling****Advice on safe handling**

Keep container tightly closed.

Avoid contact with skin, eyes and clothing.

Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Pay attention to anti-explosion rules.

Take measures against electrostatic charging.

Storage**Requirements for storage rooms and vessels**

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

Protect from direct solar radiation.

Keep in closed original container.

Storageclass (VCI):

3 A

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (ACGIH)**

CAS No.	Substance	ppm	mg/m ³	F/ml	Category	Origin
100-41-4	Ethyl benzene	100	434		TWA (8 h)	TLV
		125	543		STEL (15 min)	TLV
		-	-		Peak	TLV
1330-20-7	Xylene	100	434		TWA (8 h)	TLV
		150	651		STEL (15 min)	TLV
		-	-		Peak	TLV

Occupational exposure controls

Provide appropriate exhaust ventilation at machinery and at places where dust or smoke can be generated.

Protective and hygiene measures

At work do not eat, drink and smoke.

Wash hands and skin before breaks and after work.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Weicon GmbH

Revision date: 08.03.2010

Revision no.:

1,00

Zinc Coating, bright

7619-0195

ANSI Z49.1 Safety in Welding, Cutting and allied processes.

Respiratory protection

Use suitable breathing apparatus if there is inadequate ventilation.

Hand protection

Protective gloves resistant to chemicals made off viton, Minimum coat thickness 0,7 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Vitoject 890> made by www.kcl.de.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Eye protection

Safety goggles with side protection

Skin protection

Protective clothing

9. Physical and chemical properties**General information**

Physical state:	Liquid
Colour:	Silver-coloured
Odour:	Solvent-like

Important health, safety and environmental information

	Test method
pH-Value:	n.a.

Changes in the physical state

Boiling point:	116 °C
----------------	--------

Flash point:	27 °C
--------------	-------

Explosive properties

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

Lower explosion limits:	0,6 vol. %
-------------------------	------------

Upper explosion limits:	7,5 vol. %
-------------------------	------------

Vapour pressure: (at 20 °C)	6,7 hPa
--------------------------------	---------

Density:	1,15 - 1,35 g/cm ³
----------	-------------------------------

Water solubility:	Insoluble
-------------------	-----------

Viscosity / kinematic:	70-90 mm ² /s 4 DIN 53211
------------------------	--------------------------------------

Other information

Ignition temperature:	240 °C
-----------------------	--------

10. Stability and reactivity**Conditions to avoid**

Keep away from heat and sources of ignition.

Vapour/air mixtures are explosive at intensive warming.

Heating can release vapours which can be ignited.

Materials to avoid

Oxidizing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Additional information

No decomposition if used as directed.

Weicon GmbH

Revision date: 08.03.2010

Revision no.:

1,00

Zinc Coating, bright

7619-0195

11. Toxicological information**Acute toxicity**

LD50/oral/rat: 8700 mg/kg rat

LD50/dermal/rabbit: 2000 mg/kg

LC50/inhalativ/rat: 6350 mg/l (4 h)

Corrosive and irritant effects

Skin irritation : Irritant

Eye irritation: Non-irritant

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Sensitizing effects

Skin sensitization, remark : Non-sensitizing

Empirical data on effects on humans

Inhalation of vapours in high concentration can cause narcotic effects.

Further information

Vapours may cause drowsiness and dizziness. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

12. Ecological information**Ecotoxicity**

No data available.

Further information

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into the ground water or aquatic environment.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations**Advice on disposal**

Where possible recycling is preferred to disposal.

Product rests: send for disposal, e.g. special waste incineration.

14. Transport information**Canadian TDG****Proper shipping name**

PAINT

UN/ID number: UN1139

Hazard classes: 3

Packing group: III

Hazard label: 3

Land transport (ADR/RID)

UN number: 1263

ADR/RID class: 3

Classification Code: F1

Warning plate

Hazard-no.: 33

Hazard label: 3



ADR/RID packing group: III

Weicon GmbH

Revision date: 08.03.2010

Revision no.:

1,00

Zinc Coating, bright

7619-0195

Limited quantity: LQ4

Description of the goods

Paint

Other applicable information (land transport)

Special provision:: 640D

Tunnel restriction code: D/E

Marine transport

UN number: 1263

IMDG code: 3

Marine pollutant: -

Hazard label: 3



IMDG packing group: III

EmS: F-E, S-E

Limited quantity: 5 L

Description of the goods

PAINT

Air transport

UN/ID number: 1263

ICAO/IATA-DGR: 3

Hazard label: 3



ICAO packing group: III

Limited quantity Passenger: 1 L

IATA-packing instructions - Passenger: 309

IATA-max. quantity - Passenger: 60 L

IATA-packing instructions - Cargo: 310

IATA-max. quantity - Cargo: 220 L

Description of the goods

PAINT

15. Regulatory information**Canadian regulations****DSL/NDSL inventory status**

All of the components are listed on the DSL Inventory.

WHMIS classification

WHMIS: B2 & D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

16. Other information**Other data**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

Safety Data Sheet according to WHMIS



Weicon GmbH

Revision date: 08.03.2010

Revision no.:

1,00

Zinc Coating, bright

7619-0195

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Literature:

Changes

Changes in chapter: 15, (Poland)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)