

MATERIAL SAFETY DATA SHEET **ZincPrimer**

according to Regulation (EC) 1907/2006

created: 14.07.2020

revised: 28.08.2026

1. Name of the substance or mixture and the company

1.1. Product identifier

Substance Name /
Trade Name ZincPrimer

1.2. Relevant identification Use of the substance or mixture and uses that are discouraged

Relevant Identified Use: Primer for non-ferrous metals
Recommended ZincPrimer is used as an adhesion promoter for non-ferrous metals such as zinc, galvanized
Restriction of use: steel, stainless steel, aluminum, and copper.

Details of the supplier providing the safety data sheet

Manufacturer / Supplier

Company: SICC Coatings GmbH, Wackenbergstraße 78-82, D-13156 Berlin
Phone: +49(0) 30 / 500 196-0
Fax: +49(0) 30 / 500 196-20
Email address: info@sicc.de
Responsible/issuing
person: Application Technology / Research and Development

1.3. Emergency number Outside Business Hours 112, (Mon.-Fri. 08:00 - 16:30)

2. Possible dangers

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008. No hazardous substance or mixture.

2.2. Marking elements

Marking elements in accordance with Regulation (EC) No. 1272/2008.
No hazardous substance or mixture.

Signal word: No signal word
Hazard warnings: No hazard warnings required
Safety note:

P101: If medical advice is required, have packaging or label ready
P102: Keep out of reach of children.
P103: Read the label before use.

Other marking elements:

EUH208: Contains 2-butanone oxime. May cause allergic reactions.
EUH210: Safety Data Sheet available on request.

2.3. Other hazards

Based on the available information, the product does not contain any PBT or vPvB substances in content percentages greater than 0.1%.

3. Composition / information on the ingredients

3.1. Substances not applicable

3.2. Mixtures

2-butanone oxime (0.5%)

MATERIAL SAFETY DATA SHEET **ZincPrimer**

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Acute Toxicity Dermal, Category 4, H312 (Acute Tox. 4)
Severe eye damage/irritation, Category 1, H318 (Eye Dam. 1)
Skin Sensitization, Category 1, H317 (Skin Sens. 1)
Carcinogenicity, Category 2, H351 (Carc. 2)

Dowanol DPnB (2.0%)
Flammable Liquids, Category 3, H226 (Flam. Liq. 3)
Corrosive/irritating effect on the skin, category 2, H315 (Skin Irrit. 2)
Severe eye damage/irritation, Category 2, H319 (Eye Irrit. 2)
Specific Target Organ Toxicity (Single Exposure): Respiratory Irritation, Category 3, H335 (STOT SE 3)
Hazardous to water: Chronic, Category 3, H412 (Aquatic Chronic 3)

4. First aid measures

4.1. Description of the first aid measure

General information	No special first aid measures required. Bring the affected person out of the danger area. First responder must protect himself.
After inhalation	in case of complaints - fresh air supply
After skin contact	Cleanse skin with soap and water
After eye contact	If necessary, remove contact lenses, keep eyelids open and rinse with plenty of water, seek medical advice
After swallowing	can cause nausea, vomiting and diarrhea, also gastrointestinal irritation; consult a doctor and name the substance exactly.

4.2. Main acute and delayed symptoms and effects

Symptoms:	no information available
Risks:	no information available

4.3. Indications of immediate medical assistance or special treatment

Treatment:	no information available
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5. Firefighting measures

5.1. Extinguishing agent

Suitable:	Foam, carbon dioxide, dry chemicals, spray mist, water
Unsuitable for safety reasons:	Observe local conditions.

5.2. Special hazards posed by the mixture

Sealed containers can burst in extreme heat (pressure build-up), smoke, carbon dioxide

5.3. Instructions for firefighting

Cool surrounding fire-prone containers with water from a safe distance. Material is non-flammable as long as moisture is contained.

6. Measures in the event of accidental release

Personal precautions, protective equipment and procedures to be used in emergencies

Protective regulations / see chapters 2 to 5

6.1. Environmental protection measures

Observe local, official regulations; Do not allow it to get into the sewer system.

6.2. Methods and material for retention and purification

Confine leaked material with non-flammable absorbents (e.g. sand, sawdust or similar) and dispose of it according to local regulations. Clean with water and cleaning agents, preferably do not use solvents.

MATERIAL SAFETY DATA SHEET **ZincPrimer**

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- 6.3. Reference to other sections** For more information, see sections 7, 8 and 13 of the Safety Data Sheet

7. Measures in the event of accidental release

7.1. Protective measures for safe handling

Notes on safe handling: Comply with the minimum standards of TRGS 500 (Technical Rules for Hazardous Substances). Avoid contact with eyes and skin.

Measures to protect against fire and explosions: The product is non-flammable as long as moisture is still contained. Containers at risk must be cooled with water.

7.2. Conditions for safe storage taking into account environmental compatibility

Information on storage conditions: Store in a cool, frost-free place

Requirements for storage rooms and containers: Keep containers closed, protect from frost and heat, do not empty containers with pressure, do not use pressure vessels

Storage class: 12 – Non-flammable liquids

7.3. Specific End Applications

ZincPrimer is a water-soluble
Adhesion promoter for non-ferrous metals. GIS code BSW20
Technical information from the manufacturer must be observed.

8. Limitation and monitoring of exposure / Personal protective equipment

8.1. Parameters to monitor

Occupational exposure limits and/or biological limits

Occupational exposure limits (OEL) Germany

Does not contain substances to be monitored

8.2. Limiting and monitoring exposure

Technical measures and applications of suitable work procedures, as listed in section 7, have priority over the use of personal protective equipment. Recommended analytical methods for workplace measurements: see the Federal Institute for Occupational Safety and Health (BauA). General protective and hygiene measures: Keep away from food, beverages and feed. Remove soiled and soaked clothing immediately. Wash hands before breaks and at the end of work. Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin. Do not eat or drink during work.

Personal protective equipment: Hand protection: wear suitable protective gloves in accordance with EU Directive 89/686/CEE. Observe the manufacturer's specifications regarding permeability and breakthrough time as well as the special conditions at the workplace (mechanical stress, contact duration). Protective gloves should be replaced at the first sign of wear.

Eye/Face Protection: Safety goggles with side protection (DIN EN 166)

Skin protection: Material nitrile gloves
Penetration time ≥ 8 h
Glove thickness 0.4 mm

Respiratory protection: If the occupational exposure limit values are exceeded, a suitable breathing apparatus must be worn. If there are no occupational exposure limits, adequate respiratory protection measures must be taken in the event of the formation of aerosols and mist.

MATERIAL SAFETY DATA SHEET **ZincPrimer**

according to Regulation (EC) 1907/2006

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revised: 28.08.2026

Recommended: Filters against organic vapours (type A), filters against organic vapours (type AX)

9. Physical and chemical properties

9.1. Information on the basic physical and chemical properties

Physical state:	liquid
Color:	Basic colour: white
Smell:	arteigen
Odour threshold:	n.b.
Vapor pressure:	n.b.
pH value:	8.00 ± 0.4 at 20°C DIN 19266
Melting point/freezing point:	0 °C
Start of boiling:	100 °C
Flash Point:	> 60 °C
Evaporation speed:	n.b.
Flammability:	n.z.
Upper explosion limit:	n.z.
Lower Explosion Limit:	n.z.
Oxidizing properties:	n.z.
Density:	1.40 kg/dm ³ DIN EN ISO 2811-1
Vapor density (20 °C):	n.b.
Self-ignition temperature:	n.z.
Distribution coefficient n-octanol/water:	n.b.
Decomposition Temperature:	n.b.
Explosive properties:	n.z.
Viscosity:	85 ± 2 units
Solid content:	n.b.
Fineness:	n.b.

n.z. = not applicable

n.b. = not determined

9.2. Other information

deleted

10. Stability and reactivity

10.1. Reactivity	No decomposition when stored and used as intended
10.2. Chemical stability	No decomposition when stored and used as intended
10.3. Possibility of dangerous reactions	No decomposition when stored and used as intended
10.4. Conditions to avoid	see Chapter 7
10.5. Incompatible materials	Avoid contact with strong acids, strong alkalis
10.6. Dangerous decomposition products	No decomposition when stored and used as intended. Fire, including heating through welding and cutting work, produces smoke, carbon dioxide and carbon monoxide.

MATERIAL SAFETY DATA SHEET **ZincPrimer**

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11. Toxicological information

11.1. Information on toxicological effects

a) Acute toxicity

Ingredients that may contribute to acute oral toxicity:

not a relevant component

The mixture is therefore not classified as Acute Toxicity Oral.

Ingredients that may contribute to acute dermal toxicity:

not a relevant component

Calculated Estimated Acute Dermal Toxicity ATE (mix): 220000 mg/kg

The mixture is therefore not classified as Acute Toxicity.

Ingredients that may contribute to acute inhalation toxicity:

not a relevant component

The mixture is therefore not classified as Acute Inhaled Toxicity.

b) Corrosive effect on the skin

Dowanol DPnB (2.0%), classification of the substance: category 2, was considered additive.

The general limit values (GCL) must be observed: Category 2: 10%

c) Severe eye damage/irritation

Relevant ingredients:

2-butanone oxime (0.5%), classification of the substance: category 1, was considered additive.

The general limit values (GCL) must be observed: Category 1: 3 % Category 2: 1 %

Dowanol DPnB (2.0%), classification of the substance: category 2, was considered additive.

The general limit values (GCL) must be observed: Category 2: 10%

d) Sensitization of the respiratory tract/skin

Components that can contribute to respiratory sensitization:

There are no relevant ingredients in the mixture.

The mixture is not classified in Sensitization of the respiratory tract.

Ingredients that can help sensitize the skin:

Relevant ingredients:

2-butanone oxime (0.5%), classification of substance: category 1

The general limit values (GCL) must be observed: Category 1: 1%

The mixture is not skin sensitizing. Allergies can still be triggered in sensitive people.

e) Germ cell mutagenicity

There are no relevant ingredients in the mixture.

The mixture is not classified in germ cell mutagenicity.

f) Carcinogenicity

There are no relevant ingredients in the mixture.

The mixture is not classified as carcinogenicity.

(g) Reproductive toxicity

Ingredients that may contribute to reproductive toxicity:

There are no relevant ingredients in the mixture.

The mixture is not classified as reproductive toxicity.

Components that can contribute to the effect on lactation:

There are no relevant ingredients in the mixture.

The mixture is not classified in the additional category for effects on lactation.

(h) Specific target organ toxicity with repeated exposure

Ingredients that may contribute to Specific Target Organ Toxicity (single exposure):

There are no relevant ingredients in the mixture.

The mixture is not classified in Specific target organ toxicity (single exposure).

MATERIAL SAFETY DATA SHEET **ZincPrimer**

according to Regulation (EC) 1907/2006

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revised: 28.08.2026

Ingredients that may contribute to Specific Target Organ Toxicity (Single Exposure): Respiratory Irritation:

Relevant ingredients:

Dowanol DPnB (2.0%), classification of substance: Category 3

Substance-specific limit values (SCL): Category 3: 10 %

The mixture is classified as Specific Target Organ Toxicity (Single Exposure): Respiratory Irritation Not Classified.

Components that may contribute to Specific Target Organ Toxicity (single exposure): Anesthetic:

There are no relevant ingredients in the mixture.

The mixture is classified as Specific Target Organ Toxicity (Single Exposure): Narcotic Effect not included.

(i) Specific target organ toxicity for single exposure

There are no relevant ingredients in the mixture.

The mixture is not classified in Specific Target Organ Toxicity (repeated exposure).

(j) Risk of aspiration

There are no relevant ingredients in the mixture.

The mixture is not classified as a risk of aspiration.

k) Endocrine disruption affecting human health

There are no relevant components

12. Environmental Claims

12.1. Toxicity

Components that can contribute to acute water hazards:

There are no relevant ingredients in the mixture.

The mixture is classified as hazardous to water: Acute.

Components that can contribute to chronic water hazards.

Relevant ingredients:

Dowanol DPnB (2.0%, Category 3)

The limit value must be observed: Category 3: 25%, Category 4: 25%

The mixture is not classified in this hazard category.

Components that can contribute to ozone layer damage.

There are no relevant ingredients in the mixture.

The mixture is not classified as harmful to the ozone layer.

12.2. Persistence and degradability

There is no information available about the product

12.3. Bioaccumulation potential

There is no information available about the product

12.4. Mobility in the ground

There is no information available about the product

12.5. Result of the PTB and vPvB assessment

There is no information available about the product

12.6. Endocrine-disrupting properties

There is no information available about the product

12.7. Other harmful effects

There is no information available about the product

13. Note on disposal

13.1. Waste treatment process

Properly dispose of in compliance with local official regulations.

Proper disposal by incineration in an incineration plant, local and official regulations must be observed.

Treatment of contaminated packaging

Packaging must be disposed of completely empty (drip-free, smudge-free and spatula-free). Packaging must preferably be reused or recycled in compliance with the applicable local and official regulations.

Waste code in accordance with the Waste Directory Ordinance (AVV)

MATERIAL SAFETY DATA SHEET **ZincPrimer**

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080120 Aqueous suspensions containing paints or varnishes

14. Transport details

14.1. UN number

The product is not a dangerous goods used in national/international road, rail, sea and air transport.

14.2. Proper UN shipping designation

ADR/RID

The product is not a dangerous goods used in national/international road, rail, sea and air transport.

IMDG code / ICAO-TI / IATA-DGR

The product is not a dangerous goods used in national/international road, rail, sea and air transport.

14.3. Transport hazard class

The product is not a dangerous goods used in national/international road, rail, sea and air transport.

14.4. Packaging group

The product is not a dangerous goods used in national/international road, rail, sea and air transport.

14.5. Environmental hazards

The product is not a dangerous goods used in national/international road, rail, sea and air transport.

14.6. Special precautions for the user

The product is not a dangerous goods used in national/international road, rail, sea and air transport.

14.7. Bulk cargo transport in accordance with Annex II of the MARPOL Convention and in accordance with the IBC Code

The product is not a dangerous goods used in national/international road, rail, sea and air transport.

15. Legislation

15.1. Safety, health and environmental protection rules / specific legislation for the substance or mixture

EU regulations

Regulation (EC) No 1005/2009 (substances that deplete the ozone layer):

Not applicable

Regulation (EC) No 850/2004 (Persistent organic pollutants):

Not applicable

Regulation No. 649/2012 (Export and import of hazardous chemicals):

Not applicable

Regulation (EC) No. 648/2004 (Detergents Regulation):

Not applicable

Authorisation in accordance with Title VII of Regulation (EC) No 1907/2006:

None

Restrictions under Title VIII of Regulation (EC) No 1907/2006:

None

National regulations

Water hazard class WGK 1 Self-classification according to VwVws (Administrative Regulation of Water-Polluting Substances)

Solvent Regulation: Wb < 30 g/l (max. value according to VOC Annex II A/i 140 g/l)

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the manufacturer for this mixture.

16. Other information

Changes from the last version

Replaces datasheet 28.08.2026
from:

References and data sources

REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2017/1000

MATERIAL SAFETY DATA SHEET **ZincPrimer**

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CLP Regulation (EC) No 1272/2008, as last amended by Regulation (EU) 2017/776

Internet

<http://www.baua.de>

<http://publikationen.dguv.de>

<http://dguv.de/ifa/stoffdatenbank>

<http://www.gischem.de>

<http://echa.europa.eu/en/candidate-list-table>

methods referred to in Article 9 of Regulation (EC) No 1272/2008 have been used to assess the information for the purpose of classification.

The hazard properties of the product were assessed in accordance with Annex I of Regulation (EC) No. 1272/2008 (CLP Regulation).

Text of the hazard statements and/or safety statements referred to in Section 2

EUH208: Contains 2-butanone oxime. May cause allergic reactions.

EUH210: Safety Data Sheet available on request.

P101: If medical advice is required, have packaging or label ready.

P102: Keep out of reach of children.

P103: Read the label before use

Data display area:

Application Technology Phone +49 (0) 30/500196-0

Learn more

Disclaimer of liability: We have obtained the information contained in this SDS from sources that we believe to be reliable. The accuracy of the information, in printed form, is not guaranteed. The conditions or methods of handling, storing, using or disposing of the product are beyond our control, and may also be outside our scope of information. For these and other reasons, we accept no responsibility and expressly disclaim liability for any loss, damage or expense that may arise from or in any way associated with the handling, storage, use or disposal of the product. This SDS has been prepared for this product and may only be used with it.

This information exclusively describes the safety requirements of the product(s) and is based on the current state of our knowledge. It does not constitute an assurance of the properties of the described product(s) within the meaning of the statutory warranty provisions. Properties of the product can be found in the respective product information sheets.

Commodity 32091000

Code/Customs Tariff

Number: