Safety Data Sheet

Prepared in Accordance with HPR (SOR/2015-17)

1. Identification of the Substance/Mixture and the Company/Undertaking

1.1 Product Identifier 0229B1NL

Product Name: ZINC FILLER TYPE II

Revision Date: 10/10/2025
Supercedes Date: 06/20/2023
Version Number: No Information

1.2 Relevant identified uses of the substance or mixture and uses advised against

Component of multicomponent industrial coatings - Industrial use.
Advised against: others than recommended

1.3 Details of the supplier of the safety data sheet

Importer:

Carboline, a Division of RPM Canada, a General Partnership
200 Confederation Parkway, Unit 2
Concord, Ontario L4K 4T8
Phone:(800) 263-3112

Manufacturer:

Carboline Global Inc.
2150 Schuetz Road
St. Louis, MO USA 63146

Regulatory / Technical Information:
Contact Carboline Technical Services at 1-800-848-4645

Datasheet Produced by: Schlereth, Ken - regulatory@carboline.com

1.4 Emergency telephone number: CHEMTREC +1 703 5273887 (Outside US)

2. Hazard Identification

2.1 Classification of the substance or mixture

Hazardous to the aquatic environment, Acute, category 1
Hazardous to the aquatic environment, Chronic, category 1

2.2 Label elements

Symbol(s) of Product

Signal Word

Warning

Named Chemicals on Label

None

HAZARD STATEMENTS

Hazardous to the aquatic environment, Acute, category 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment, Chronic, category 1	H410	Very toxic to aquatic life with long lasting effects.

PRECAUTION PHRASES

P273	Avoid release to the environment.
P391	Collect spillage.

2.3 Other hazards

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

3. Composition/Information On Ingredients

3.2 Mixtures

Hazardous ingredients

Name According to EEC	EINEC No.	CAS-No.	%	Classifications	
ZINC (DUST OR FUME)	231-175-3	7440-66-6	80-100	H250-400-410	Aquatic Acute 1, Aquatic Chronic 1, Pyr. Sol. 1
ZINC OXIDE	215-222-5	1314-13-2	1.0 - <5.0	H400-410	Aquatic Acute 1, Aquatic Chronic 1

CAS-No.	M-Factors
7440-66-6	
1314-13-2	

Additional Information: The text for GHS Hazard Statements shown above (if any) is given in Section 16.

4. First-aid Measures

4.1 Description of First Aid Measures

AFTER INHALATION: Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.
AFTER SKIN CONTACT: Wash off with warm water and soap.
AFTER EYE CONTACT: Flush eyes with water as a precaution. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
AFTER INGESTION: Do NOT induce vomiting. Obtain medical attention. Do not induce vomiting. If conscious, give 2

glasses of water. Get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

This product has been tested and shown to fall well below the level of gas emission when exposed to water (49CFR Part 173 E, 4) and is, therefore, not a regulated product and is not defined as dangerous when wet. Product is packaged in steel or plastic water tight containers.

4.3 Indication of any immediate medical attention and special treatment needed

No Information

5. Fire-fighting Measures

5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information

FOR SAFETY REASONS NOT TO BE USED: No Information

5.2 Special hazards arising from the substance or mixture

No Information

5.3 Advice for firefighters

SPECIAL FIREFIGHTING PROCEDURES: In the event of fire, wear self-contained breathing apparatus.

SPECIAL FIREFIGHTING PROTECTION EQUIPMENT: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

In the case of dust or aerosol formation use respirator with an approved filter.

6.2 Environmental precautions

No Information

6.3 Methods and material for containment and cleaning up

No Information

6.4 Reference to other sections

No Information

7. Handling and Storage

7.1 Precautions for safe handling

INSTRUCTIONS FOR SAFE HANDLING : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Do not smoke. Avoid dust formation. Protect from moisture. Avoid breathing vapors, mist or gas.
PROTECTION AND HYGIENE MEASURES : Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust. Avoid contact with the skin and the eyes.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: Keep from any possible contact with water.
STORAGE CONDITIONS: Keep container closed when not in use. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

7.3 Specific end use(s)

No Information

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with Occupational Exposure Limits (US)

Name	CAS-No.	ACGIH TWA	ACGIH STEL	ACGIH Ceiling
ZINC (DUST OR FUME)	7440-66-6	N/E	N/E	N/E
ZINC OXIDE	1314-13-2	2 MGM3	10 MGM3	N/E

Name	CAS-No.	OSHA PEL	OSHA STEL
ZINC (DUST OR FUME)	7440-66-6	5.0 MG/M3	N/E
ZINC OXIDE	1314-13-2	5 MGM3 5 MGM3 15 MGM3	N/E

FURTHER ADVICE: No Information

8.2 Exposure controls

Personal Protection

RESPIRATORY PROTECTION: Dust safety masks are recommended when the dust concentration is more than 10 mg/m3. Respirator must be worn if exposed to dust. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).

EYE PROTECTION: Ensure that eyewash stations and safety showers are close to the workstation location. Safety glasses with side-shields.

HAND PROTECTION: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Impervious gloves. Request information on glove permeation properties from the glove supplier.

BODY PROTECTION: Lightweight protective clothing

OTHER PROTECTIVE EQUIPMENT: No Information

ENGINEERING CONTROLS: Maintain air concentrations below occupational exposure standards.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Blue - Grey Powder
Physical State	Solid
Odor	Odorless
Odor threshold	Not determined
pH	N/A
Melting point / freezing point (°C)	N/A
Boiling point/range (°C)	Not determined - .
Flash Point (°C)	N/A
Evaporation rate	N/A
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined - Not determined
Vapour Pressure, mmHg	N/A
Vapour density	N/A
Relative density	Not determined

Solubility in / Miscibility with water	Not Determined
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Viscosity	No information available.
Explosive properties	Not determined
Oxidising properties	Not determined

9.2 Other information

VOC Content g/l:	No Information
Specific Gravity (g/cm3)	7.109

10. Stability and Reactivity

10.1 Reactivity
No Information

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerisation does not occur.

10.4 Conditions to avoid
Keep from any possible contact with water.

10.5 Incompatible materials
Keep away from oxidising agents and strongly acid or alkaline materials. Strong oxidizing agents.

10.6 Hazardous decomposition products
Preparation reacts slowly with water resulting in evolution of hydrogen.

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

Oral LD50: No information available on the product itself as the product is not tested.

Inhalation LC50: No information available on the product itself as the product is not tested.

Irritation: Unknown

Corrosivity: Unknown

Sensitization: Unknown

Repeated dose toxicity: Unknown

Carcinogenicity: Unknown

Mutagenicity: Unknown

Toxicity for reproduction: Unknown

STOT-single exposure: Unknown

STOT-repeated exposure: Unknown

Aspiration hazard: Unknown

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50	Gas LC50	Dust/Mist LC50
7440-66-6	ZINC (DUST OR FUME)	>2000 mg/kg, oral, rat	Not Available	Not Available	0.000	>5.4 mg/L, / 4Hr ,rat, inh
1314-13-2	ZINC OXIDE	15000 mg/kg, oral, rat	Not Available	Not Available	0.000	0.000

Additional Information:
No Information

12. Ecological Information

12.1 Toxicity:

EC50 48hr (Daphnia): No information available.

IC50 72hr (Algae): No information available.

LC50 96hr (fish): No information available.

12.2 Persistence and degradability: No information available.

12.3 Bioaccumulative potential: No information available.

12.4 Mobility in soil: No information available.

12.5 Results of PBT and vPvB assessment: The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

12.6 Other adverse effects: No information available.

CAS-No.	Chemical Name	EC50 48hr	IC50 72hr	LC50 96hr
7440-66-6	ZINC (DUST OR FUME)	No information	No information	No information
1314-13-2	ZINC OXIDE	No information	No information	No information

13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: Dispose of in accordance with local regulations.

14. Transport Information

14.1 UN number None

14.2 UN proper shipping name Not Regulated

Technical name N/A

14.3 Transport hazard class(es) None

Subsidiary shipping hazard No Information

14.4 Packing group N/A

14.5 Environmental hazards Marine Pollutant: Yes (Zinc)

14.6 Special precautions for user No information available.

EmS-No.: No Information

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code No information available.

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

National Regulations:

Denmark Product Registration Number: No information available.

Danish MAL Code: No information available.

Danish MAL Code - Mixture: Not available

Sweden Product Registration Number: No information available.

Norway Product Registration Number: No information available.

WGK Class: Not available

CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

CERCLA - Sara Hazard Category

None Known

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

ZINC (DUST OR FUME)	7440-66-6	98.93
ZINC OXIDE	1314-13-2	1

Toxic Substances Control Act:

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

International Regulations: As follows -

* Canadian DSL:

All chemical ingredients included on inventory (DSL)

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H250	Catches fire spontaneously if exposed to air.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Reasons for revision

No Information

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.