

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024

Version: 4 (replaces version 3)

Revision: 30.09.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

Article number: I683BSECSXECOM000X0EM0C50

UFI: QCEF-E1Q6-D00G-RXFT

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

Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU19 Building and construction work

Product category PC9a Coatings and paints, thinners, paint removers

Process category

PROC7 Industrial spraying

PROC10 Roller application or brushing

PROC19 Manual activities involving hand contact

PROC13 Treatment of articles by dipping and pouring

Application of the substance / the mixture solvent based inorganic coating

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

ARAMFIX B.V.

Rivierkade 9A

4931AA Geertruidenberg

Netherlands

www.aramfix.com

info@aramfix.com

Further information obtainable from: info@aramfix.com

1.4 Emergency telephone number:

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Centres Antipoison et de Toxicovigilance

ANGERS: 02 41 48 21 21

BORDEAUX: 05 56 96 40 80

LILLE: 0800 59 59 59

LYON: 04 72 11 69 11

MARSEILLE: 04 91 75 25 25

NANCY: 03 83 22 50 50

PARIS: 01 40 05 48 48

STRASBOURG: 03 88 37 37 37

TOULOUSE: 05 61 77 74 47

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Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024

Version: 4 (replaces version 3)

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Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3	H226	Flammable liquid and vapour.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Dam. 1	H318	Causes serious eye damage.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Acute 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



· **Signal word** Danger

· Hazard-determining components of labelling:

tetra-n-butoxytitanium
Naphtha (petroleum), hydrotreated heavy
Trimethoxyvinylsilane
Hydrocarbons, C9, aromatics

Hazard statements

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

Safety data sheet

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Printing date 30.09.2024

Version: 4 (replaces version 3)

Revision: 30.09.2024

Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

Dangerous components:

Percentages of the components are expressed as a percentage by weight

CAS: 7440-66-6 EINECS: 231-175-3 Index number: 030-001-01-9 Reg.nr.: 01-2119467174-37-xxxx	zinc powder -zinc dust (stabilized) ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	10-50%
CAS: 5593-70-4 EINECS: 227-006-8 Reg.nr.: 01-2119967423-33	tetra-n-butoxytitanium ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335-H336	10-25%
CAS: 9022-96-2 EC number: 638-841-6	1-Butanol, titanium (4+) salt (4:1), homopolymer ⚠ Eye Irrit. 2, H319	10-25%
CAS: 64742-48-9 EINECS: 265-150-3 Index number: 649-327-00-6 Reg.nr.: 01-2119463258-33-xxxx	Naphtha (petroleum), hydrotreated heavy ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304, EUH066	2.5-10%
CAS: 1070-10-6 EINECS: 213-969-1 Reg.nr.: 01-2119968572-27	Organotitanate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-10%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336, EUH066	2.5-10%
CAS: 2768-02-7 EINECS: 220-449-8 Reg.nr.: 01-2119513215-52	Trimethoxyvinylsilane ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H332; Skin Sens. 1B, H317, EUH208	2.5-10%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336, EUH066	2.5-10%

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately rinse with water.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

· **Suitable extinguishing agents:**

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

· **Protective equipment:** No special measures required.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024 Version: 4 (replaces version 3) Revision: 30.09.2024

Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- 6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
Requirements to be met by storerooms and receptacles:
Store material in original, well-closed packages in a cool, well-ventilated area according to local regulations.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- Recommended storage temperature: 5 - 30 °C
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNEL (Derived No Effect Level) for workers:		
7440-66-6 zinc powder -zinc dust (stabilized)		
Dermal	Long-term - systemic effects, worker	83 mg/kg bw/day (worker)
Inhalative	Long-term - systemic effects, worker	5 mg/m³ (worker)
5593-70-4 tetra-n-butoxytitanium		
Inhalative	Long-term - systemic effects, worker	127 mg/m³ (human)
1070-10-6 Organotitanate		
Inhalative	Long-term - systemic effects, worker	53.2 mg/m³ (human)
Hydrocarbons, C9, aromatics		
Dermal	Long-term - systemic effects, worker	25 mg/kg bw/day (worker)
Inhalative	Long-term - systemic effects, worker	150 mg/m³ (worker)
2768-02-7 Trimethoxyvinylsilane		
Dermal	Long-term - systemic effects, worker	0.91 mg/kg bw/day (worker)
Inhalative	Acute - systemic effects, worker	73.6 mg/m³ (worker)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024

Version: 4 (replaces version 3)

Revision: 30.09.2024

Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

	Long-term - systemic effects, worker	27.6 mg/m ³ (worker)
· DNEL (Derived No Effect Level) for the general polulation:		
7440-66-6 zinc powder -zinc dust (stabilized)		
Oral	Long-term - systemic effects, general population	0.83 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, general population	83 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, general population	2.5 mg/m ³ (general population)
5593-70-4 tetra-n-butoxytitanium		
Oral	Long-term - systemic effects, general population	3.75 mg/kg bw/day (human)
Dermal	Long-term - systemic effects, general population	37.5 mg/kg bw/day (human)
Inhalative	Long-term - systemic effects, general population	152 mg/m ³ (human)
Hydrocarbons, C9, aromatics		
Oral	Long-term - systemic effects, general population	11 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, general population	11 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, general population	32 mg/m ³ (general population)
2768-02-7 Trimethoxyvinylsilane		
Oral	Long-term - systemic effects, general population	0.63 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, general population	0.63 mg/kg bw/day (general population)
Inhalative	Acute - systemic effects, general population	54.4 mg/m ³ (general population)
	Long-term - systemic effects, general population	6.8 mg/m ³ (general population)
· PNEC (Predicted No Effect Concentration) values:		
7440-66-6 zinc powder -zinc dust (stabilized)		
Aquatic compartment - freshwater		0.0206 mg/L (not specified)
Aquatic compartment - marine water		0.0061 mg/L (not specified)
Aquatic compartment - sediment in freshwater		117.8 mg/kg sed dw (not specified)
Aquatic compartment - sediment in marine water		56.5 mg/kg sed dw (not specified)
Terrestrial compartment - soil		35.6 mg/kg dw (not specified)
Sewage treatment plant		0.1 mg/L (not specified)
2768-02-7 Trimethoxyvinylsilane		
Aquatic compartment - freshwater		0.4 mg/L (freshwater)
Aquatic compartment - marine water		0.04 mg/L (marine water)
Aquatic compartment - water, intermittent releases		1.21 mg/L (intermittent release water)
Aquatic compartment - sediment in freshwater		1.5 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water		0.15 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil		0.06 mg/kg dw (soil)

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Provide readily accessible eye wash stations and safety showers.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If

workers are exposed to concentrations above the exposure limit, they must use appropriate, certified

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024 Version: 4 (replaces version 3) Revision: 30.09.2024

Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. For organic vapors and solvents type of filter A1 or A2, for dust type of filter P (according to EN 140)

· Hand protection



Protective gloves

Chemical resistant gloves (EN 374)
Check protective gloves prior to each use for their proper condition.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Fluorocarbon rubber (Viton)
Nitrile rubber, NBR

· Penetration time of glove material

KCL Vitoject 890
breakthrough time > 480 min.
thickness: 0,7 mm

at limited contact
KCL Camatril 730
breakthrough time 30 min.
thickness: 0,4 mm

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Not suitable are gloves made of the following materials: All other materials

· Eye/face protection



Tightly sealed goggles

Safety glasses according to EN 166 or equivalent

· Body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved before the product is used by a specialist.
If there is a risk of ignition by static electricity, anti-static protective clothing should be worn. For the best protection against static discharge, clothing should consist of anti-static overalls, boots and gloves.
For further information on materials and design requirements and test methods consult the European standard EN 1149.

· Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state

Fluid
According to product specification
Characteristic
Not determined.

· Colour:

· Odour:

· Odour threshold:

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024

Version: 4 (replaces version 3)

Revision: 30.09.2024

Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	117 °C (5593-70-4 tetra-n-butoxytitanium)
· Flammability	Flammable.
· Lower and upper explosion limit	
· Lower:	0.6 Vol %
· Upper:	7.5 Vol %
· Flash point:	25.5 °C (2768-02-7 Trimethoxyvinylsilane)
· Auto-ignition temperature:	240 °C (64742-48-9 Naphtha (petroleum), hydrotreated heavy)
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic at 20 °C:	50 mPas
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	<1.1 hPa (9022-96-2 1-Butanol, titanium (4+) salt (4:1), homopolymer)
· Density and/or relative density	
· Density at 20 °C:	>1.18-<1.5 g/cm³
· Relative density	Not determined.
· Vapour density	Not determined.
9.2 Other information	
· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Change in condition	
· Evaporation rate	Not determined.
Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Flammable liquid and vapour.
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024

Version: 4 (replaces version 3)

Revision: 30.09.2024

Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

7440-66-6 zinc powder -zinc dust (stabilized)		
Oral	LD50	>2,000 mg/kg (rat)
5593-70-4 tetra-n-butoxytitanium		
Oral	LD50	3,122 mg/kg (rat)
64742-48-9 Naphtha (petroleum), hydrotreated heavy		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rab)
1070-10-6 Organotitanate		
Oral	LD50	3,000 mg/kg (rat)
Hydrocarbons, C9, aromatics		
Oral	LD50	>6,800 mg/kg (rat)
Dermal	LD50	>3,400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (rat)
2768-02-7 Trimethoxyvinylsilane		
Oral	LD50	7,130 mg/kg (rat)
Dermal	LD50	3,260 mg/kg (rabbit)
Inhalative	LC50/4 h	2,773 mg/l (rat)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rab)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** May be fatal if swallowed and enters airways.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

7440-66-6 zinc powder -zinc dust (stabilized)	
LC50/96 h	0.24 mg/l (Oncorhynchus mykiss)

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024

Version: 4 (replaces version 3)

Revision: 30.09.2024

Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

LC50/48 h	0.068 mg/l (Daphnia magna) 0.645-1 mg/l (Penaeus chinensis (fleshy prawn))
5593-70-4 tetra-n-butoxytitanium	
EC50/96 h	225 mg/l (aquatic algae and cyanobacteria)
EC50/72 h	400-960 mg/l (aquatic algae and cyanobacteria)
EC50/48 h	590-1,983 mg/l (aquatic invertebrates)
EC50/24 h	770-2,237 mg/l (aquatic invertebrates)
LC50/96 h	1,740-2,300 mg/l (fish)
NOEC 21 days	4-20 mg/l (aquatic invertebrates)
1070-10-6 Organotitanate	
EC50/72 h	10-100 mg/l (aquatic algae and cyanobacteria)
EC50/48 h	39-74 mg/l (aquatic invertebrates)
LC50/96 h	17.1-28.2 mg/l (fish)
2768-02-7 Trimethoxyvinylsilane	
EC50/72 h	89 mg/l (aquatic algae and cyanobacteria)
EC50/48 h	168.7 mg/l (aquatic invertebrates)
EC50/24 h	297.2 mg/l (aquatic invertebrates)
LC50/96 h	191 mg/l (fish)
NOEC 21 days	28.1 mg/l (aquatic invertebrates)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:** Very toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

European waste catalogue	
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31




Printing date 30.09.2024 Version: 4 (replaces version 3) Revision: 30.09.2024

Trade name:Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

Transport in accordance with ADR/RID, IMDG and ICAO/IATA.

· 14.1 UN number or ID number	
· ADR/RID/ADN, IMDG, IATA	UN1263
· 14.2 UN proper shipping name	
· ADR/RID/ADN	1263 PAINT, ENVIRONMENTALLY HAZARDOUS
· IMDG	PAINT, MARINE POLLUTANT
· IATA	PAINT
· 14.3 Transport hazard class(es)	
· ADR/RID/ADN, IMDG	
	
· Class	3 Flammable liquids.
· Label	3
· IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR/RID/ADN, IMDG, IATA	III
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances:
· Marine pollutant:	Hydrocarbons, C9, aromatics
· Special marking (ADR/RID/ADN):	Symbol (fish and tree)
	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E,S-E
· Stowage Category	A
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR/RID/ADN	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.09.2024

Version: 4 (replaces version 3)

Revision: 30.09.2024

Trade name: Ecomet CORUNDUM Silvergrey Zinc-Flake Basecoat

· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
· Directive 2012/18/EU
· Named dangerous substances - ANNEX I None of the ingredients is listed.
· Seveso category E1 Hazardous to the Aquatic Environment P5c FLAMMABLE LIQUIDS
· Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
· Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t
· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II None of the ingredients is listed.
· REGULATION (EU) 2019/1148
· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)) None of the ingredients is listed.
· Annex II - REPORTABLE EXPLOSIVES PRECURSORS None of the ingredients is listed.
· Regulation (EC) No 273/2004 on drug precursors None of the ingredients is listed.
· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors None of the ingredients is listed.
· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- **Classification according to Regulation (EC) No 1272/2008**
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
- **Contact:** J. Dijkstra
- **Date of previous version:** 11.09.2024
- **Version number of previous version:** 3
- **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Sources

- ECHA European Chemical Agency - <http://echa.europa.eu/information-on-chemicals>
- SDS of raw materials supplied by producer/supplier.

*** Data compared to the previous version altered.**