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RDI-METAL UNICOAT BASECOAT		RDI/MU/14013

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

1.1. Product identifier

Trade name : RDI-METAL UNICOAT BASECOAT
 Type of product : Paint.

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

Use : Industrial.
 Domestic.

Sector of use category : SU21: Consumer uses: Private households (= general public = consumers)
 SU22: Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Article Category : Not applicable.

Chemical product category : PC9a: Coatings and paints, thinners, paint removers

Process category : PROC10: Roller application or brushing
 PROC11: Non industrial spraying

Environmental release category : ERC8a: Indoor use of processing aids by the public at large or professional use. Use (usually) results in direct release into the environment/sewage system, for example, detergents in fabric washing, machine wash liquids and lavatory cleaners, automotive and bicycle care products (polishes, lubricants, de-icers), solvents in paints and adhesives or fragrances and aerosol propellants in air fresheners.
 ERC8d: Outdoor use of processing aids by the public at large or professional use. Use (usually) results in direct release into the environment, for example, automotive and bicycle care products (polishes, lubricants, de-icers, detergents), solvents in paints and adhesives.

1.3. Details of the supplier of the safety data sheet

Company identification : See address below.

1.4. Emergency telephone number

Phone nr : +31 30-2748888

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification : None.

2.2. Label elements

Symbol(s) : None.
 R Phrase(s) : None.
 S Phrase(s) : None.

2.3. Other hazards

None.

SECTION 3 Composition/information on ingredients

3.1./3.2. Substance / Preparation

- Substance / Preparation : Preparation
- Components : This mixture (7779-90-0) contains 90% zinc phosphate and 10% of non-hazardous additive. This mixture is not subject to classification and labelling. However, it contains zinc phosphate which is classified as dangerous for the environment (CLP 1272/2008/EC, Annex VI).
- Hazardous components

Substance name	Contents	CAS No	EC No	Index No	Reach number	Classification
trizinc bis(orthophosphate)	< 8 %	7779-90-0	231-944-3	030-011-00-6	----	N; R50-53 Aquatic Acute 1:H400 Aquatic Chronic 1:H410

INDUCOAT

3824 CG AMERSFOORT Nederland
 Tél : 00 31 33 456 23 94

In case of emergency : +31 30-2748888

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SECTION 3 Composition/information on ingredients (continued)

SECTION 4. First aid measures

4.1. Description of first aid measures

- Inhalation : None.
- Skin contact : None.
- Eye contact : Rinse with water.
- Ingestion : Ingestion unlikely. Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed

- Inhalation : None under normal conditions.
- Skin contact : None under normal conditions.
- Eye contact : None under normal conditions.
- Ingestion : None under normal conditions.

4.3. Indication of any immediate medical attention and special treatment needed

- Emergency medical treatment : Not required.

SECTION 5. Firefighting measures

5.1. Extinguishing media

- : All extinguishing media can be used.

5.2. Special hazards arising from the substance or mixture

- Specific hazards : None.

5.3. Advice for firefighters

- Flammable class : Not flammable.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Exercise caution when fighting any chemical fire.
- Surrounding fires : Use water spray or fog for cooling exposed containers.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Contact with walking surface may result in formation of slippery film/falling hazard.

6.2. Environmental precautions

- Environmental precautions : Prevent entry to sewers and public waters.
Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it. Dilute residues and flush.

6.4. Reference to other sections

- See Heading 8.

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SECTION 7. Handling and storage

7.1. Precautions for safe handling

General : Handling and storage of this material do not require special precaution.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store closed containers with closure in upper position.
Protect from freezing.
Storage temperature - maximum 25°C; minimum 5°C.

7.3. Specific end use(s)

See Heading 1.2.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

DNEL Derived no effect level (Workers): trizinc bis(orthophosphate) : Inhalation-long term (local) [mg/m3] : 1 (Soluble.)
trizinc bis(orthophosphate) : Inhalation-long term (local) [mg/m3] : 5 (Insoluble.)

8.2. Exposure controls

Personal protection

- Respiratory protection : Not required.
- Skin protection : Not required.
- Eye protection : Not required.
- Others : Prevent entry to sewers and public waters.
Avoid release to the environment

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- On product

- Appearance
- Physical state at 20 °C : Liquid.
- Odour : Acrylic.
- pH value : 7.5 - 8.5
- Flash point [°C] : Not applicable.
- Density : 1.3 +/- 0.05
- Solubility in water : Complete.
- Viscosity : 100 - 125 Poises

9.2. Other information

VOC (g/l) : This product contains max 60 g/l VOC
VOC family : EU limit value for this product (cat. A/i): 140 g/l (2007) / 140 g/l (2010).

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SECTION 10. Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

10.5. Incompatible materials

Materials to avoid : Not known.

10.6. Hazardous decomposition products

Hazardous decomposition products : None under normal conditions.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

• On product

There are no data available on the mixture itself.

- Acute toxicity : There are no data available on the mixture itself.
- Skin corrosion/irritation : Based on available data, the classification criteria are not met.
- Serious eye damage/irritation : Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.
- Germ cell mutagenicity : Non-mutagenic.
- Carcinogenicity : Not classifiable as a human carcinogen.
- Reproductive toxicity : Based on available data, the classification criteria are not met.
- STOT-single exposure : Based on available data, the classification criteria are not met.
- STOT-repeated exposure : Based on available data, the classification criteria are not met.
- Aspiration hazard : Based on available data, the classification criteria are not met.

• On components

trizinc bis(orthophosphate) : Rat inhalation LC50 [mg/l/4h] : > 5.7
: Rat oral LD50 [mg/kg] : > 5000

SECTION 12. Ecological information

On product : There are no data available on the mixture itself.

12.1. Toxicity

Ecological effects information : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Avoid release to the environment.

LC50-96 Hour - fish [mg/l] : No data available.

48 Hour-EC50 - Daphnia magna [mg/l] : No data available.

IC50 72h Algae [mg/l] : No data available.

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SECTION 12. Ecological information (continued)

On components

trizinc bis(orthophosphate) : IC50 72h Algae [mg/l] : 1 - 100 (selenastrum capricornutum), NOEC (48h) > 1
: LC50-96 Hour - fish [mg/l] : 1 - 100 (oncorhynchus mykiss), NOEC(96h) = 1

12.2. Persistence and degradability

Information on elimination : Prevent entry to sewers and public waters.
BOD5-value [mg/l] : No data available.
COD-value [mg/l] : No data available.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

The product does not meet the PBT and vPvB classification criteria (REACH Annex XIII).
The product does not contain substance PBT or vPvB

12.6. Other adverse effects

Not known.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Disposal : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Comply with local regulations for disposal. Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

SECTION 14. Transport information

General information : Not classified.
Emergency action in case of accident : Stop the engine. No naked lights. No smoking. Mark roads and warns other road users.

SECTION 15. Regulatory information

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

This mixture (7779-90-0) contains 90% zinc phosphate and 10% of non-hazardous additive. This mixture is not subject to classification and labelling. However, it contains zinc phosphate which is classified as dangerous for the environment (CLP 1272/2008/EC, Annex VI).

Ensure all national/local regulations are observed.

15.2. Chemical safety assessment

No data available.

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SECTION 16. Other information

List of relevant R phrases (§ 3) : R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

List of relevant H phrases (Section 3) : H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

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