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Xi : Irritant

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

### 1.1. Product identifier

Trade name : RDI-ELASTOMUR BLUE  
 Type of product : Paint.

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

Use : Industrial.  
 Sector of use category : 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 : INDUCOAT  
 3824 CG AMERSFOORT Nederland  
 Tél : 00 31 33 456 23 94

### 1.4. Emergency telephone number

Phone nr : +31 30-2748888

## SECTION 2 Hazards identification

### 2.1. Classification of the substance or mixture

Dangerous product (Directive 1999/45/EC). Substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC :

Classification : R43

### 2.2. Label elements

Symbol(s)



R Phrase(s) : Xi : Irritant  
 : R43 : May cause sensitization by skin contact.  
 S Phrase(s) : S23 : Do not breathe spray.  
 : S37 : Wear suitable gloves.  
 : S51 : Use only in well-ventilated areas.

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## SECTION 2 Hazards identification (continued)

**Contains** : carbamate de 3-iodo-2-propynylbutyle - octhiline (ISO), 2-octyl-2H-isothiazol-3-one - 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one : May produce an allergic reaction.

### 2.3. Other hazards

None.

## SECTION 3 Composition/information on ingredients

### 3.1./3.2. Substance / Preparation

- **Substance / Preparation** : Preparation
- **Components** : Dangerous product (Directive 1999/45/EC). Substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC.
- **Hazardous components**

Substance name	Contents	CAS No	EC No	Index No	Reach number	Classification
<b>Pyrrithione de zinc</b>	: < 0.05 %	13463-41-7	----	----	----	Xn; R22 ----- Undefined. (GHS)
<b>Zinc oxide</b>	: < 0.1 %	1314-13-2	215-222-5	030-013-00-7	----	N; R50-53 ----- Aquatic Acute 1;H400 Aquatic Chronic 1;H410
<b>ammonia ....%</b>	: < 0.15 %	1336-21-6	215-647-6	007-001-01-2	----	C; R34 N; R50 ----- Skin Corr. 1B;H314 Aquatic Acute 1;H400
<b>1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one</b>	: < 0.02 %	2634-33-5	220-120-9	613-088-00-6	----	Xn; R22 Xi; R38-41 R43 N; R50 ----- Eye Dam. 1;H318 Acute Tox. 4 (Oral);H302 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Acute 1;H400
<b>octhiline (ISO), 2-octyl-2H-isothiazol-3-one</b>	: < 0.1 %	26530-20-1	247-761-7	613-112-00-5	----	T; R23/24 Xn; R22 C; R34 R43 N; R50-53 ----- Acute Tox. 3 (Dermal);H311 Acute Tox. 3 (Inhalation);H331 Skin Corr. 1B;H314 Acute Tox. 4 (Oral);H302 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410
<b>Methylisothiazolinon</b>	: < 0.02 %	2682-20-4	220-239-6	----	----	Xn; R20/21/22 C; R35 ----- Undefined. (GHS)
<b>carbamate de 3-iodo-2-propynylbutyle</b>	: 0.03 to 0.12 %	55406-53-6	259-627-5	----	----	Xn; R20/22 Xi; R37-41 R43 N; R50 ----- Eye Dam. 1;H318 Acute Tox. 4 (Inhalation);H332 Acute Tox. 4 (Oral);H302 STOT SE3;H335 Skin Sens. 1;H317 Aquatic Acute 1;H400
<b>Silver</b>	: < 0.0025 %	7440-22-4	----	----	----	Not classified. (DSD/DPD) ----- Undefined. (GHS)

See full text of phrases R / H under chapter 16.

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#### SECTION 4. First aid measures

##### 4.1. Description of first aid measures

- Primary route of exposure : Skin contact.
- Inhalation : Remove victim to fresh air.  
Obtain medical attention if breathing difficulty persists.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by water rinse.  
Seek medical attention if ill effect or irritation develops.
- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- Ingestion : Rinse mouth. Spit. Seek medical advice (show the label where possible).

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

- Inhalation : None.
- Skin contact : Repeated or prolonged skin contact may cause irritation.
- Eye contact : Contact with the eyes is likely to be irritating.
- General information : In all case : Obtain medical attention.

##### 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

- Suitable extinguishing media : Dry chemical. Carbon dioxide. Foam.
- Unsuitable extinguishing media : Do not use a heavy water stream.

##### 5.2. Special hazards arising from the substance or mixture

- Specific hazards : Thermal decomposition generates : Carbon monoxide. Carbon dioxide. Nitrogen oxides. Toxic gases.

##### 5.3. Advice for firefighters

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

#### SECTION 6. Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Equip cleanup crew with proper protection.  
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 6. Accidental release measures (continued)

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

**Handling** : Handle in accordance with good industrial hygiene and safety procedures.  
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.  
Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage** : Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations.  
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

#### Occupational Exposure Limits

### 8.2. Exposure controls

**Personal protection**

- Respiratory protection : Not required.
- Hand protection : Gloves.
- Skin protection : Wear suitable protective clothing.  
Avoid contact with skin and eyes.
- Eye protection : Chemical goggles or safety glasses.
- Ingestion : When using, do not eat, drink or smoke.
- Others : Avoid release to the environment  
Prevent entry to sewers and public waters.

## 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 : 7.5 - 8.5
- Flash point [°C] : Not applicable.
- Density : 1.40 +/- 0.05
- Solubility in water : Complete.
- Viscosity : 220 - 250 Poises

#### - On components

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## SECTION 9. Physical and chemical properties (continued)

### 9.2. Other information

VOC (g/l) : This product contains max 30 g/l VOC  
VOC family : EU limit value for this product (cat. A/c): 75 g/l (2007) / 40 g/l (2010).

## 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 : Store away from freezing (avoid freezing during storage).

### 10.5. Incompatible materials

Materials to avoid : None under normal conditions.

### 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.  
carbamate de 3-iodo-2-propynylbutyle - octhilinone (ISO), 2-octyl-2H-isothiazol-3-one - 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one : May produce an allergic reaction.

- Acute toxicity : There are no data available on the mixture itself.
- Inhalation : Based on available data, the classification criteria are not met.
- Skin corrosion/irritation
- Dermal : May cause sensitization by skin contact.
- Serious eye damage/irritation : Contact with the eyes is likely to be irritating.
- Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.  
May cause sensitization by skin contact.
- 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 : 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

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## SECTION 11. Toxicological information (continued)

Zinc oxide : 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 : 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.

#### On components

Pyrrithione de zinc : 48 Hour-EC50 - Daphnia magna [mg/l] : 0.05

### 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.

#### On components

### 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 : 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.

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#### SECTION 14. Transport information

**General information** : Not regulated.  
In accordance with ADR.

**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

Ensure all national/local regulations are observed.

##### 15.2. Chemical safety assessment

No data available.

#### SECTION 16. Other information

**List of relevant R phrases (§ 3)** : R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.  
R20/22 : Harmful by inhalation and if swallowed.  
R22 : Harmful if swallowed.  
R23/24 : Toxic by inhalation and in contact with skin.  
R34 : Causes burns.  
R35 : Causes severe burns.  
R37 : Irritating to respiratory system.  
R38 : Irritating to skin.  
R41 : Risk of serious damage to eyes.  
R43 : May cause sensitization by skin contact.  
R50 : Very toxic to aquatic organisms.  
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**List of relevant H phrases (Section 3)** : H302 - Harmful if swallowed  
H311 - Toxic in contact with skin  
H314 - Causes severe skin burns and eye damage  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H331 - Toxic if inhaled  
H332 - Harmful if inhaled  
H335 - May cause respiratory irritation  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

**Revision** : 0  
**Print date** : 15 / 1 / 2014

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