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RDI-HYDROPOX BASECOAT (A + B)		RDIHP1422



Xi : Irritant

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

1.1. Product identifier

Trade name : RDI-HYDROPOX BASECOAT (A + B)
 Type of product : Paint.

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

Use : Domestic.
 Industrial.

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 : 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 : Xi; R38-41
 R43
 R52-53

2.2. Label elements

Symbol(s)



: Xi : Irritant

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SECTION 2 Hazards identification (continued)

R Phrase(s)	: R38 : Irritating to skin. R41 : Risk of serious damage to eyes. R43 : May cause sensitization by skin contact. R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S Phrase(s)	: S2 : Keep out of the reach of children. S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 : Wear suitable gloves and eye/face protection. S46 : If swallowed seek medical advice immediately and show this container or label.
- P Phrase(s)	: P92 - Contains epoxy components. See information provided by manufacturer.
Contains	: Polyamine Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight <= 700) Epoxy bisphenol F oxirane, mono[(C12-14-alkyloxy)methyl] derivs.
Warning	: Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight <= 700) - Epoxy bisphenol F - oxirane, mono[(C12-14-alkyloxy)methyl] derivs. : 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
Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight <= 700)	: 5 to 10 %	25068-38-6	500-033-5	603-074-00-8	01-2119456619-26	Xi; R36/38 R43 N; R51-53 ----- Eye Irrit. 2;H319 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	: 1 to 5 %	68609-97-2	271-846-8	603-103-00-4	01-2119485289-22	Xi; R38 R43 ----- Skin Irrit. 2;H315 Skin Sens. 1;H317
Epoxy bisphenol F	: 1 to 5 %	9003-36-5	----	----	01-2119454392-40	Xi; R36/38 R43 N; R51-53 ----- Eye Irrit. 2;H319 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411
Polyamine	: 10 to 15 %	238080-05-2	----	----	----	Xn; R22 Xi; R41 ----- Eye Dam. 1;H318 Acute Tox. 4 (Oral);H302

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 : Eyes contact.
Skin contact.
- Inhalation : Remove victim to fresh air.
- 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.

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

- Skin contact : Repeated or prolonged skin contact may cause irritation.
- Eye contact : Risk of serious damage to eyes. Redness, pain.

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 : Carbon monoxide.
Thermal decomposition generates : 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 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.

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

: There exist no exposure limits for this material.

8.2. Exposure controls

Personal protection

- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment (A1).
 - Hand protection : Gloves.
 - Skin protection : Wear suitable protective clothing.
 - Eye protection : Chemical goggles or safety glasses.
 - Ingestion : When using, do not eat, drink or smoke.
 - Others : Prevent entry to sewers and public waters.
Prevent entry to sewers and public waters.
Avoid release to the environment
- Industrial hygiene** : Local exhaust and general ventilation must be adequate to meet exposure standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- On product

- Appearance
- Relative density : 1.4
- Viscosity : 40 - 90 Poises

- On components

Polyamine : • Initial boiling point - boiling range [°C] : > 100°C
: • Vapour pressure : 15 mmHg (21°C)

9.2. Other information

VOC (g/l) : This product contains max 0 g/l VOC
VOC family : EU limit value for this product (cat. A/j): 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 : None under normal conditions.

10.6. Hazardous decomposition products

Hazardous decomposition products : If exposed to high temperatures, hazardous decomposition, products such as smoke, carbon monoxide, carbon dioxide, may be produced.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

• On product

There are no data available on the mixture itself.

Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight <= 700) - Epoxy bisphenol F - oxirane, mono[(C12-14-alkyloxy)methyl] derivs. : May produce an allergic reaction.

• **Acute toxicity** : There are no data available on the mixture itself.

• Skin corrosion/irritation

Dermal : Irritating to skin.
May cause sensitization by skin contact.

• Serious eye damage/irritation

Ocular : Risk of serious damage to eyes.

• **Respiratory or skin sensitisation** : May cause sensitization by skin contact.

• **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.

Based on the properties of the epoxy constituent(s) and considering toxicological data on similar preparations, this product may be a skin sensitiser and an irritant.

Skin contact with the product and exposure to spray mist and vapour should be avoided

Repeated skin contact may lead to irritation and to sensitisation, possibly with cross-sensitisation to other epoxies.

The product contains low molecular weight epoxy constituents which are irritating to eyes, mucous membrane and skin

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SECTION 11. Toxicological information (continued)

• On components

Epoxy bisphenol F : Percutaneous (rat) LD50 [mg/kg] : > 2000
: Rat oral LD50 [mg/kg] : > 5000

Polyamine : Rat oral LD50 [mg/kg] : 511
: Rabbit dermal LD50 [mg/kg] : > 2000

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.

On components

Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight <= 700) : IC50 72h Algae [mg/l] : 9.4
: LC50-96 Hour - fish [mg/l] : 1.5
: 48 Hour-EC50 - Daphnia magna [mg/l] : 1.7

Epoxy bisphenol F : IC50 72h Algae [mg/l] : 1.8
: LC50-96 Hour - fish [mg/l] : 0.55
: 48 Hour-EC50 - Daphnia magna [mg/l] : 1.6

12.2. Persistence and degradability

Information on elimination : Prevent entry to sewers and public waters.

On components

Epoxy bisphenol F : Persistence - degradability : 0 %

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.

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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.

SECTION 14. Transport information

General information : Not regulated.
In accordance with ADR.

Emergency action in case of accident : Keep public away from danger area. No naked lights. No smoking. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

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) : R22 : Harmful if swallowed.
R36/38 : Irritating to eyes and skin.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R43 : May cause sensitization by skin contact.
R51/53 : 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
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H411 - Toxic to aquatic life with long lasting effects

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