



SAFETY DATA SHEET

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Revised edition no : 0

Date : 25 / 3 / 2013

Supersedes : 0 / 0 / 0

RD-HYDROPOX H (A + B)

F18

Health : 3	WARNING : Corrosive or toxic. Avoid skin contact or inhalation.
Flammability : 0	Not combustible.
Reactivity : 0	Stable : Not reactive when mixed with water.
Special Notice Key : --	---

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

1.1. Product identifier

Identification of the product : Liquid.
Trade name : RD-HYDROPOX H (A + B)
Type of product : Paint.

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

Use : Domestic.
Industrial.

1.3. Details of the supplier of the safety data sheet

Company identification : RD-COATINGS
ZI de la Fagne
Rue Ernest Matagne, 19
5330 ASSESSE Belgique
Tel : 00 32 83 23 38 02 - nathalie.adam@dothee.com
Fax : 00 32 83 23 38 03

1.4. Emergency telephone number

Phone nr : + 32 (0)70 245 245

SECTION 2 Hazards identification

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

2.1. GHS-US Classification

- Health hazards : Skin irritation - Category 2 - Warning - (CLP : Skin Irrit. 2) - H315
Serious eye damage - Category 1 - Danger - (CLP : Eye Dam. 1) - H318
Skin sensitisation - Category 1 - Warning - (CLP : Skin Sens. 1) - H317
- Environmental hazards : Hazardous to the aquatic environment - Chronic hazard - Category 3 - (CLP : Aquatic Chronic 3) - H412

2.2. GHS-US labelling

• Hazard pictograms



- Hazard pictograms : GHS05
- Signal words : Danger
- Hazard statements : H318 - Causes serious eye damage
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H412 - Harmful to aquatic life with long lasting effects

General : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.

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167 Avon Street, Stratford, CT 06615

USA Poison Center : 800-222-1222**RD-COATINGS**

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SECTION 2 Hazards identification (continued)

- Prevention** : P280 - Wear .
P264 - Wash thoroughly after handling.
P261 - Avoid breathing .
P273 - Avoid release to the environment
P272 - Contaminated work clothing should not be allowed out of the workplace
- Response** : P321 - Specific treatment (see on this label)
P302+352 - IF ON SKIN: Wash with plenty of soap and water
P332+313 - If skin irritation occurs: Get medical advice/attention
P333+313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse
P310 - Immediately call a POISON CENTER or doctor/physician
P362 - Take off contaminated clothing and wash before reuse
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Disposal considerations** : P501 - Dispose of contents/container to .

2.3. Other hazards

None.

2.4. Unknown acute toxicity (GHS-US)

None.

SECTION 3 Composition/information on ingredients

- **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)	10 to 15 %	25068-38-6	500-033-5	603-074-00-8	01-2119456619-26	Eye Irrit. 2;H319 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411
Polyamine	10 to 15 %	----	----	----	---	Undefined. (GHS)

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

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

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SECTION 4. First aid measures (continued)

Emergency medical treatment : Not required.

SECTION 5. Firefighting measures

5.1. Extinguishing media

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.

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.

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SECTION 7. Handling and storage (continued)

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

• Appearance

• Physical state at 20 °C

: Liquid.

• pH

: 9 - 10

• Flash point [°C]

: Not applicable.

• Relative density

: 1.4

• Solubility in water

: Complete.

• Viscosity

: 40 - 90 Poises

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).

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.

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.

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SECTION 10. Stability and reactivity (continued)

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.
- Hazardous properties : None under normal conditions.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

• On product

- Acute toxicity : There are no data available on the mixture itself.
- Rat inhalation LC50 [mg/l/4h] : No data available.
- Rat oral LD50 [mg/kg] : No data available.
- Rabbit dermal LD50 [mg/kg] : No data available.
- 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.

• On components

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 12. Ecological information

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

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

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. US Federal regulations

Not listed on the United States TSCA (Toxic Substances Control Act) inventory.

15.2. International regulations

- EU : Classification EC 67/548 or EC 1999/45
- EU : Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

15.3. US State regulations

Unlisted.

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SECTION 16. Other information

List of relevant R phrases (§ 3) : R22 : Harmful if swallowed.
R36/38 : Irritating to eyes and skin.
R37/38 : Irritating to respiratory system and 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.
R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

List of relevant H phrases (Section 3) : H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H411 - Toxic to aquatic life with long lasting effects

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The contents and format of this SDS are in accordance with the Hazard Communication Standard rules established by OSHA on 26th March 2012.

End of document

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