

SAFETY DATA SHEET

SHUNFIX RDC

according to Regulation (EC) No. 1907/2006

revision: 1

Date: 01.03.2016

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : SHUNFIX RDC

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

Relevant identified uses : Industrial purposes only.

Uses advised against : Textile auxiliary

1.3. Details of the supplier of the safety data sheet

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Telephone : 886-2688-1198

Fax : 886-2676-4469

Email : shuncheer@gmail.com

1.4. Emergency telephone number

Name : SHUNCHEER Enterprise Corporation

Telephone : +886-2688-1198 (only during office hours)z

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

| Hazard classes/categories | Hazard Statements |
|---------------------------|----------------------------------|
| Acute toxicity, 5 | H303 May be harmful if swallowed |
| skin irritant, 2 | H315 Causes skin irritation |
| Eye irritant, 2B | H320 Causes eye irritation |

DSD/DPD-Classification according to 67/548/EEC and 1999/45/EC:

| Hazard classes/categories | Hazard Statements |
|---------------------------|-------------------------------------|
| Xi, Irritant | R36/ 38 Irritating to eyes and skin |

2.2. Label elements (according to EC 1272/2008)

Hazard pictogram(s) :



| | |
|------------------------------------|--|
| Signal word(s): | Warning |
| Hazard statement(s): | H303 May be harmful if swallowed H315 Causes skin irritation H320 Causes eye irritation |
| Precautionary statement(s): | |
| Prevention | P280 Wear protective gloves/ eye protection/ face protection. P264 Wash skin thoroughly after handling. |
| Response | P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/ physician. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse. |

2.3. Other hazards

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

| Component | % | Classification according to Directive 67/548/EEC. | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------|----|---|---|
| Polyamine | -- | | |

4. FIRST AID MEASURES

4.1. Description of first aid measures

| | |
|----------------------------|--|
| After eye contact: | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| After skin contact: | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.. |
| After inhalation: | Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately. |
| After ingestion: | If swallowed, call a poison control centre or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to |

an unconscious person.

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

Treat symptomatically

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

No data available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable extinguishing media:

Water spray, Foam, Dry chemical, Carbon dioxide (CO₂)

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

Wear self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Ventilate the area. Wear appropriate protective equipment and clothing during clean-up.

6.2. Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

6.3. Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

6.4. Reference to other sections

Not applicable.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Store in tightly closed containers away from strong oxidizing and reducing agents. Use normal safety practices to avoid spills and exposure.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed and store in a cool, dry well-ventilated location.

Keep away from any area where the fire hazard may be acute. Outside or detached storage is preferred.

7.3. Specific end use(s)

No data available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Engineering controls

Ensure adequate ventilation, especially in confined areas.

8.2.2. Personal protection

Eye/face protection:

Wear as appropriate: Goggles, Face-shield

Skin/ Body protection:

Full protective clothing, chemical boots, and chemical gloves. High standards of skin care and personal hygiene should be exercised at all times.

Respiratory protection

Use respirator when performing operations involving potential exposure to vapour of the product. Use NIOSH approved respiratory protection.

Control of environmental exposure

There are no exposure limits established for this product. Trace amounts of ethylene oxide may be present in this product., The ethylene oxide in this product is not expected to result in significant exposures or present a health hazard.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|------------------|
| Form | liquid |
| Colour | yellow |
| Odour | original |
| pH (value) | 6-7 |
| Solidifying point: | Not determined |
| Boiling point/ range (°C) | Not determined |
| Density | 1.09 ± 0.02 |
| Vapor pressure | Not determined |
| Viscosity | Not determined |
| Solubility in water | soluble in water |
| Flash point | >85 °C |
| Ignition temperature | Not determined |

9.1. Other information

No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable at normal ambient temperature and pressure.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Heat, flames, ignition sources and incompatibles

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

| | |
|---------------------------|-------------------|
| Acute toxicity | no data available |
| Skin corrosion/irritation | Skin irritation: |
| Eye damage/irritation | Irritating to eye |
| Sensitisation: | no data available |
| Mutagenicity: | no data available |
| Carcinogenicity:. | no data available |
| Reproductive toxicity: | no data available |
| STOT-single exposure: | no data available |
| STOT-repeated exposure: | no data available |
| Aspiration hazard: | no data available |
| Additional Information | no data available |

12. ECOLOGICAL INFORMATION

12.1. Toxicity

no data available

12.2. Persistence and degradability

COD value: 638 mg/g

BOD₅ value: 402 mg/g

12.3. Bioaccumulative potential

no data available

12.4. Mobility in soil

no data available

12.5. Results of PBT and vPvB assessment

no data available

12.6. Other adverse effects

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Code

Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.

Disposal methods

Dispose of only in accordance with local, state, and federal regulations.

Empty containers.

Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed.

14. TRANSPORT INFORMATION

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

| | |
|--|---------------------|
| 14.1. UN number | Not dangerous goods |
| 14.2. UN proper shipping name | Not dangerous goods |
| 14.3. Transport hazard class(es) | Not applicable |
| 14.4. Packing Group | Not applicable |
| 14.5. Environmental hazards | no |
| 14.6. Special precautions for user | Not applicable |
| 14.7. Transport in bulk according to annex II of MARPOL73/78 and the IBC Code | Not applicable |

15. REGULATORY INFORMATION

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

No data available

15.2. Chemical safety assessment

No data available

16. OTHER INFORMATION

This MSDS is a complement to the technical brochure of the product but does not replace it. The information and data presented are based on our knowledge of the product as of the date 20/11/2014. Except as set forth above, SHUNCHEER makes no warranties, whether express, implied or statutory, as to the product which is the subject of this document. Without limiting the generality of the foregoing, SHUNCHEER makes no warranty of merchantability of the product or of the fitness of the product for any particular purpose. Buyer assumes all risk and liability resulting

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