

HYDROGARD PUA - A

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier

Hydrogard PUA – Part A

1.2 Details of the supplier of the data sheet

FIS Construction Products
Seymour House
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Chandlers Ford
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SO53 4AR

sales@fisproducts.co.uk
www.fisproducts.co.uk

Emergency telephone number
+44 (0) 800 6191619
7.00am-5:00pm Mon-Fri

2. HAZARDS IDENTIFICATION

- Harmful by inhalation or swallowed (H332, H302, H334)
- Irritating to eyes, respiratory tract and skin (H315, H317, H319)
- Toxic to aquatic life. (H411)
- Health & Wellbeing (H351, H373)

3. COMPOSITION INFORMATION ON INGREDIENTS

Potentially Hazardous Components: Methyloxirane, polymer with oxirane, ether with oxybis(propanol), polymer with 1,1'-methylenebis(isocyanatobenzene), methyloxirane and oxirane

4. FIRST AID MEASURES

- 4.1** General advice: In case of doubt or with persisting symptoms obtain medical attention. Never pass anything through the mouth of an unconscious person.
- 4.2** Skin contact: Remove soiled clothing. Wash skin with soap and water. Seek medical advice.
- 4.3** Inhalation: Take the person into the fresh air and get them in a comfortable position. Ensure the air ways are clear and they can breathe comfortably.

- 4.4** Eye contact: Rinse immediately with eye wash or clean water for at least 15 min. Contact lenses should be removed. Seek medical attention.
- 4.5** Ingestion: Immediately rinse mouth out. Give plenty of water to drink to victim. Do not induce vomiting. Seek immediate medical advice.

5. FIRE-FIGHTING MEASURES

- 5.1** Extinguishing media: Carbon dioxide, dry powder, foam, water mist, sand.
- 5.2** Unsuitable extinguishing media: Water jet.
- 5.3** Exposure hazards: In a fire carbon monoxide, carbon dioxide, nitrogen oxides and traces of hydrogen cyanide are produced.
- 5.4** Special protective equipment: Fire fighters should wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- 6.1** Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Avoid contact with eyes and wear protective clothing and safety goggles.
- 6.2** Environmental precautions
Prevent material from entering sewage system, water courses or water treatment installations.
- 6.3** Methods and material for containment and cleaning up
Spread sand or industrial absorbent over spillage. Treat contaminated absorbent with water containing 5 – 10 % sodium carbonate and transfer into labelled containers for disposal. See section 13 for disposal considerations.

7. HANDLING AND STORAGE

- 7.1** Precautions for safe handling
do not drink, eat or smoke during handling. Provide sufficient ventilation.
- 7.2** Conditions for safe storage including and incompatibilities
Keep containers dry and closed. Store in original containers. Storage temperature 5 - 50°C. Avoid

8. EXPOSURE CONTROL AND PROTECTION MEASURES

- 8.1** Respiratory protection: Normal conditions of ventilation are usually adequate. Wear a fine particle mask or respirator or use local exhaust ventilation as necessary when mixing in confined areas with inadequate ventilation or whenever there is any risk of the exposure limits being exceeded.
- 8.2** Ingredients with exposure limits: diphenylmethane diisocyanate : exposure limit (8 h) 0,052 mg/m³; 0,005 ppm TLV
- 8.3** Hand protection: Use protective gloves. Suitable types are neoprene, nitril rubber, butyl rubber. If in doubt seek advice from a reputable manufacturer.
- 8.4** Eye Protection: Eye protection designed to protect against liquid splashes should be worn e.g. complete enclosure of the eye.
- 8.5** Skin Protection: Cotton or cotton/synthetic overalls or coveralls are normally suitable.

9. PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------------------|---------------------|
| 9.1 Appearance | Yellow Liquid |
| 9.2 Odour | Sweet |
| 9.3 Boiling Point | > 300°C |
| 9.4 Melting Point | - |
| 9.5 Flash Point | > 105°C |
| 9.6 Vapour Density | 8.5 |
| 9.7 Relative Density | Approximately 1.115 |
| 9.8 Solubility in Water | Insoluble |

10. STABILITY AND REACTIVITY

- 10.1** Stability: Stable under normal ambient conditions.
- 10.2** Situation to avoid – Direct Sunlight, Heat, Overheating, Extreme temperatures.
- 10.3** Materials to avoid: acid, alkaline, water and oxidizing agents.
- 10.4** Haz. decomp. Products: None in ambient conditions.

11. TOXOLOGICAL INFORMATION

Effects of exposure and symptoms: In instances of severe inhalation asthmatic symptoms may occur several hours after exposure. Exposure may result in sensitisation to the product / vapours. The product may cause an allergic reaction to the skin.

Ingestion: may cause discomfort and would require immediate dilution with plenty of water. If taken into mouth and not swallowed, swill out with water.

12. ECOLOGICAL INFORMATION

The product is not soluble in water. The product is classified as dangerous to the environment. The product is very slowly biodegradable.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or where ground water or surface waters may be affected. Ensure any containers containing waste material are correctly labelled. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with local, state or EC regulations at an authorised site. European Waste Code: 08 05 01*: waste isocyanates (P501)

14. TRANSPORT INFORMATION

The product is not considered as dangerous goods under transport regulations.

15. REGULATORY INFORMATION

- H-phrases: H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure
H411 Toxic to aquatic life with long lasting effects.
- P-phrases: 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.
P260 Do not breathe dust/fume/gas /mist/vapours/spray.
P302 + P350 IF ON SKIN: Gently wash with plenty of soap and water.
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

The above information is believed to be correct but not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the product.