

Please consult prior to use.

PRODUCT AND COMPANY IDENTIFICATION

*Product Name:* **POLYURE FT**  
*Product Description:* Acrylic Polymer Curing Agent for GRC  
*Supplier:* Fibre Technologies International  
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2. HAZARDS IDENTIFICATION

Product definition: Mixture

*2.1 Classification of the substance/mixture*

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Not classified

This product is not classified as hazardous according to regulation (EC) 1272/2008 as amended.

**Classification according to Directive 1999/45/EC [DPD]**

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification: Not classified.

The full text for all R-Phrases and Hazard Statements are Displayed in Section 16. See section 11 for more detailed information on health effects and symptoms.

*2.2 Label elements*

Signal word: No signal word

Hazard statements: No known significant effects or critical hazards

Precautionary statements

Prevention: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Supplemental label elements: Not applicable

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable

*2.3 Other hazards*

Other hazards which do not result in classification: None known.

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3. COMPOSITION / INFORMATION ON THE COMPONENTS

*3.1 Substance/mixture: Mixture*

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

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4. FIRST-AID MEASURES

*4.1 Description of first aid measures*

*Inhalation* – Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

*Ingestion* – Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

*Skin contact* – Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

*Eye Contact* – Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

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

Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact: No specific data.

Inhalation: No specific data.

Skin contact: No specific data.

Ingestion: No specific data.

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

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatments.

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## 5. FIRE-FIGHTING MEASURES

### *5.1 Extinguishing Media:*

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

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

Hazards from the substance or mixture: If in a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products: No specific data.

### *5.3 Advice for firefighters*

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training,

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European Standard EN 469 will provide a basic level of protection for chemical incidents.

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## 6. ACCIDENTAL RELEASE MEASURES

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

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."

### *6.2 Environmental precautions*

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### *6.3 Methods and material for containment and cleaning up:*

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licenced waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations. Dispose of via a licenced waste disposal contractor.

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### *6.4 Reference to other sections*

See section 1 for emergency contact information.

See section 8 for information on appropriate personal protective equipment.

See section 13 for additional waste treatment information.

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## 7. HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### *7.1 Precautions for safe handling:*

Protective measures: Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering areas. See also section 8 for additional information on hygiene measures.

*7.2 Conditions for safe storage, including any incompatibilities:* Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

### *7.3 Specific end use(s)*

Recommendations: Not available

Industrial sector specific solutions: Not available

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### *8.1 Control parameters*

*Occupational exposure limits:* No exposure limit value known

*Recommended monitoring procedures:* If this product contains ingredients with exposure limits, personal workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres – Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and management strategy) European Standard EN 14042 (Workplace atmospheres – Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres – General requirements for the performance of procedures for the measurement of chemical agents). Reference to national guidance documents for the methods for the determination of hazardous substances will also be required.

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*DNELs/DMELs:* No DNELs/DMELs available

*PNECs:* No PNECs available

*8.2 Exposure Controls:*

*Appropriate engineering controls:* Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

*Individual protective measures*

*Hygiene measures:* Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

*Eye/face protection:* Safety eyewear complying with an approved standard should be used when a risk assessment indicates that this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

*Skin protection*

*Hand protection:* Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates that this is necessary.

*Body protection:* Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

*Other skin protection:* Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

*Respiratory protection:* Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting training, and other important aspects of use.

*Environmental exposure controls:* Emissions for ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

*9.1 Information on basic physical and chemical properties*

|   |                            |
|---|----------------------------|
| <i>Appearance</i>                           | Liquid                     |
| <i>Colour</i>                               | White                      |
| <i>Odour</i>                                | Mild                       |
| <i>Odour threshold</i>                      | Not available              |
| <i>pH</i>                                   | Not available              |
| <i>Melting point/freezing point</i>         | Not available              |
| <i>Initial boiling point/freezing range</i> | Not available              |
| <i>Flash point</i>                          | Closed cup: Not applicable |
| <i>Evaporation rate</i>                     | Not available              |

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|   |   |
|---|---|
| <i>Flammability (solid,gas)</i>                     | Not available                           |
| <i>Burning time</i>                                 | Not applicable                          |
| <i>Burning rate</i>                                 | Not applicable                          |
| <i>Upper/lower flammability or explosive limits</i> | Not available                           |
| <i>Vapour pressure</i>                              | Not available                           |
| <i>Vapour density</i>                               | Not available                           |
| <i>Relative density</i>                             | 1 to 1:1                                |
| <i>Solubility(ies)</i>                              | Not available                           |
| <i>Solubility in water</i>                          | Not available                           |
| <i>Partition coefficient: N-octanol /water</i>      | Not available                           |
| <i>Auto-ignition temperature</i>                    | Not available                           |
| <i>Decomposition temperature</i>                    | Not available                           |
| <i>Viscosity</i>                                    | Kinematic (40°C):.0.4cm <sup>2</sup> /s |
| <i>Explosive properties</i>                         | Not available                           |
| <i>Oxidising properties</i>                         | Not available                           |

9.2 Other information: No additional information

**10. STABILITY AND REACTIVITY**

*10.1 Reactivity:* No specific test data related to reactivity available for this product or its ingredients

*10.2 Chemical stability:* The product is stable

*10.3 Possibility of hazardous reactions:* Under normal conditions of storage and use, hazardous reactions will not occur

*10.4 Conditions to avoid:* No specific data

*10.5 Incompatible materials:* No specific data

*10.6 Hazardous decomposition products:* Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**11. TOXICOLOGICAL INFORMATION**

*11.1 Information on toxicological effects*

*Acute toxicity:* Conclusion / Summary – Not available

*Acute toxicity estimates:* Not available

*Irritation/corrosion:* Conclusion / Summary – Not available

*Sensitisation:* Conclusion / Summary – Not available

*Mutagenicity:* Conclusion / Summary – Not available

*Carcinogenicity:* Conclusion / Summary – Not available

*Reproductive toxicity:* Conclusion / Summary – Not available

*Teratogenicity:* Conclusion / Summary – Not available

Specific target organ toxicity (single exposure) – Not available

Specific target organ toxicity (repeated exposure) – Not available

Aspiration hazard – Not available

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Information on likely routes of exposure: Not available

Potential acute health effects:

*Eye contact:* No known significant effects or critical hazards

*Inhalation:* No known significant effects or critical hazards

*Skin contact:* No known significant effects or critical hazards

*Ingestion:* No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics:

*Eye contact:* No specific data

*Inhalation:* No specific data

*Skin contact:* No specific data

*Ingestion:* No specific data

Delayed and immediate effects as well as chronic effects from short and long term exposure

*Short term exposure:*

*Potential immediate effects:* Not available

*Potential delayed effects:* Not available

*Long term exposure:*

*Potential immediate effects:* Not available

*Potential delayed effects:* Not available

Potential chronic health effects: Not available

*Conclusion/Summary:* Not available

*General:* No known significant effects or critical hazards

*Carcinogenicity:* No known significant effects or critical hazards

*Mutagenicity:* No known significant effects or critical hazards

*Teratogenicity:* No known significant effects or critical hazards

*Developmental effects:* No known significant effects or critical hazards

*Fertility effects:* No known significant effects or critical hazards

Other information: Not available

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12. ECOLOGICAL INFORMATION

*12.1 Toxicity*

*Conclusion/Summary:* Not available

*12.2 Persistence and degradability*

*Conclusion/Summary:* Not available

*12.3 Bio accumulative potential:* Not available

*12.4 Mobility in soil*

*Soil/water partition coefficient (Koc):* Not available

*Mobility:* Not available

*12.5 Results of PBT and vPvB assessment*

*PBT:* Not applicable

*vPvB:* Not applicable

12.6 *Other adverse effects:* No known significant effects or critical hazards

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### 13. DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of identified uses in Section 1 should be consulted for any available use-specific information in the Exposure Scenario(s).

#### *13.1 Waste treatment methods*

##### Product

*Methods of disposal:* The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licenced waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

*Hazardous waste:* Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

##### Packaging

*Methods of disposal:* The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

*Special precautions:* The material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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### 14. TRANSPORT INFORMATION

14.1 *UN Number:* Not regulated

14.2 *UN proper shipping name:* -

14.3 *Transport hazard class(es):*-

14.4 *Packing Group:* -

14.5 *Environmental hazards:*- No.

14.6 *Special precautions for user:* Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 *Transport in bulk according to Annex II of MARPOL and the IBC Code:* Not available.

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### 15. REGULATORY INFORMATION

*15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:*

EU Regulation (EC) No 1907/2006 (REACH)

Annex XIV – List of substances subject to authorisation

Annex XIV: None of the components are listed

Annex XVII –Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable

Other EU regulations

Priority list chemicals (793/93/EEC): Not determined

Seveso Directive

This product is not controlled under the Seveso Directive.

*15.2 Chemical safety assessment:* This product contains substances for which Chemical Safety Assessments are still required

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### 16. OTHER INFORMATION

*Abbreviations and acronyms*

*ATE= Acute Toxicity Estimate*

*CLP = Classification, Labelling and Packaging Regulation (Regulation (EC) No. 1272/2008)*

*DMEL = Derived Minimal Effect Level*

*DNEL = Derived No Effect Level*

*EUH statement = CLP – specific Hazard statement*

*PBT = Persistent, Bio accumulative and Toxic*

*PNEC = Predicted No Effect Concentration*

*RRN = REACH Registration Number*

*vPvB = Very persistent and Very Bioaccumulative*

Procedure used to derive the classification according to regulation (EC) No 1272/2008 (CLP/GHS)

*Classification:* Not classified

*Full text of abbreviated H statements:* Not applicable

*Full text of classifications (CLP/GHS):* Not applicable

*Full text of abbreviated R phrases:* Not applicable

*Full text of classifications (DSD/DPD):* Not applicable

#### **Notice to reader**

**To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**

**Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**