



**SAFETY DATA SHEET**  
**PHILLYMASTIC TG-7B LIQUID RESIN.**

## 1. Identification

### Product identifier

**Product name** PHILLYMASTIC TG-7B LIQUID RESIN.

**Product number** Y0011

### Recommended use of the chemical and restrictions on use

**Application** Resin.

### Details of the supplier of the safety data sheet

#### Supplier

ITW Performance Polymers  
Bay 150  
Shannon Industrial Estate  
Co. Clare  
Ireland  
V14 DF82  
353(61)771500  
353(61)471285  
mail@itwpp.com

### Emergency telephone number

**Emergency telephone** +44(0)1235 239 670 (24h)

## 2. Hazard(s) identification

### Classification of the substance or mixture

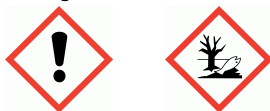
**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 2 - H411

### Label elements

#### Pictogram



#### Signal word

Warning

#### Hazard statements

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

## PHILLYMASTIC TG-7B LIQUID RESIN.

<b>Precautionary statements</b>	<p>P261 Avoid breathing vapor/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing must not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** EPOXY RESIN (Number average MW <= 700 )

### Other hazards

This product does not contain any substances classified as PBT or vPvB.

### 3. Composition/information on ingredients

#### Mixtures

<b>EPOXY RESIN (Number average MW &lt;= 700 )</b>	<b>10-30%</b>
CAS number: 25068-38-6	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	Avoid contact with eyes. Show this safety data sheet to the doctor in attendance
<b>Inhalation</b>	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Give plenty of water to drink. Get medical attention.
<b>Skin Contact</b>	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

#### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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## PHILLYMASTIC TG-7B LIQUID RESIN.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide or dry powder.

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

**Specific hazards** Emits vapors if heated.

#### Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 6. Accidental release measures

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

**Personal precautions** Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

#### Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid subsoil penetration.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Use only in well-ventilated areas. Keep away from heat, sparks and open flame. Open drum carefully as content may be under pressure. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10).

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

### 8. Exposure Controls/personal protection

**Ingredient comments** WEL = Workplace Exposure Limits

#### Exposure controls

#### Protective equipment



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<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.
<b>Hand protection</b>	Wear protective gloves made of the following material: Rubber or plastic. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The selected gloves should have a breakthrough time of at least 8 hours.
<b>Other skin and body protection</b>	Wear apron or protective clothing in case of contact.
<b>Hygiene measures</b>	Keep away from food, drink and animal feeding stuffs. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving workplace.
<b>Respiratory protection</b>	Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Check that the respirator fits tightly and the filter is changed regularly. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Color</b>	White/off-white.
<b>Odor</b>	Aromatic.
<b>pH</b>	pH (concentrated solution): 7 @ 25 °C
<b>Initial boiling point and range</b>	>200°C @
<b>Flash point</b>	>171°C
<b>Vapor pressure</b>	<0.03 mm Hg @ °C
<b>Relative density</b>	1.44 @ 20 °C°C
<b>Auto-ignition temperature</b>	>250°C
<b>Other information</b>	Not available.

### 10. Stability and reactivity

<b>Reactivity</b>	Acids. Amines. Strong oxidizing agents.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	Not available.
<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
<b>Materials to avoid</b>	Avoid contact with the following materials: Strong oxidizing agents. Strong acids. Amines.

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**Hazardous decomposition products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Vapours/gases/fumes of: Acids - organic. Aldehydes.

### 11. Toxicological information

#### Information on toxicological effects

**Skin Contact** This product is moderately irritating. May cause sensitisation by skin contact.

**Eye contact** Irritating to eyes.

**Acute and chronic health hazards** May cause harm to the unborn child. Possible risk of impaired fertility.

**Route of entry** Inhalation Ingestion.

### 12. Ecological Information

**Ecotoxicity** Do not release into the environment.

**Toxicity** Very toxic to aquatic organisms.

**Persistence and degradability**

**Persistence and degradability** There are no data on the degradability of this product.

**Bioaccumulative potential**

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Mobility in soil**

**Mobility** Do not discharge into drains or watercourses or onto the ground.

**Other adverse effects**

**Other adverse effects** Not available.

### 13. Disposal considerations

#### Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Waste class** 08 04 99

### 14. Transport information

**General** No other information known.

**UN Number**

**UN No. (TDG)** 3082

**UN No. (IMDG)** 3082

**UN No. (ICAO)** 3082

**UN No. (DOT)** 3082

**UN proper shipping name**

**PHILLYMASTIC TG-7B LIQUID RESIN.**

**Proper shipping name (TDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700 ))

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700 ))

**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700 ))

**Proper shipping name (DOT)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700 ))

**Transport hazard class(es)**

**TDG class** 9

**TDG label(s)** 9

**IMDG Class** 9

**ICAO class/division** 9

**Transport labels****Packing group**

**TDG Packing Group** III

**IMDG packing group** III

**ICAO packing group** III

**DOT packing group** III

**Environmental hazards****Environmentally Hazardous Substance****Special precautions for user**

**EmS** F-A, S-F

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No information required.

**15. Regulatory information****16. Other information**

**Revision date** 4/6/2018

**Revision** 14

**Supersedes date** 5/3/2016

## PHILLYMASTIC TG-7B LIQUID RESIN.

### **Hazard statements in full**

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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.