

# ITW Performance Polymers

## SAFETY DATA SHEET PHILLYCLAD 1775/620TS RESIN

### 1. Identification

#### Product identifier

Product name PHILLYCLAD 1775/620TS RESIN

Product number DM018K-R

#### 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  
customerservice.shannon@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

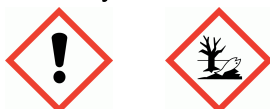
Environmental hazards Aquatic Chronic 2 - H411

#### Environmental

The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### Label elements

##### Hazard symbols



##### 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.

## PHILLYCLAD 1775/620TS 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>60-100%</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>	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
<b>Inhalation</b>	Move affected person to fresh air at once. For breathing difficulties, oxygen may be necessary. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. Keep affected person under observation. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
<b>Skin Contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. 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. Show this Safety Data Sheet to the medical personnel.

#### 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

## PHILLYCLAD 1775/620TS RESIN

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

### 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** Toxic gases or vapors.

#### Advice for firefighters

**Protective actions during firefighting** Burns only if pre-heated. (1) In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

**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 inhalation of vapors and contact with skin and eyes. Eliminate all sources of ignition. Provide adequate ventilation.

#### Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. 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** Avoid contact with skin and eyes. Avoid eating, drinking and smoking when using the product. 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. Contaminated clothing and shoes must be discarded.

#### 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** No exposure limits known for ingredient(s).

#### Exposure controls

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### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. 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.

### Other skin and body protection

Wear apron or protective clothing in case of contact.

### Hygiene measures

Provide eyewash station and safety shower. 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.

### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. 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: Organic vapor filter. 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

Appearance	Viscous liquid.
Odor	Almost odorless.
pH	pH (concentrated solution): NEUTRAL
Melting point	N/D°C
Initial boiling point and range	>260°C @
Flash point	>204°C
Vapor density	>1
Relative density	1.19 @ °C
Solubility(ies)	Slightly soluble in water.
Explosive properties	There are no chemical groups present in the product that are associated with explosive properties.
Other information	Not available.

## 10. Stability and reactivity

Reactivity	Acids. Strong oxidizing agents.
Stability	Stable at normal ambient temperatures and when used as recommended.

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<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Materials to avoid</b>	Strong acids. Strong oxidizing agents. Alkalis - organic.
<b>Hazardous decomposition products</b>	When heated, vapours/gases hazardous to health may be formed.

### 11. Toxicological information

#### Information on toxicological effects

<b>Inhalation</b>	Unlikely to be hazardous by inhalation because of the low vapor pressure of the product at ambient temperature.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin Contact</b>	Slightly irritating. May cause sensitisation by skin contact.
<b>Eye contact</b>	Irritating to eyes.
<b>Route of exposure</b>	Skin and/or eye contact

### 12. Ecological information

<b>Ecotoxicity</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Toxicity</b>	Very toxic to aquatic organisms.
<b><u>Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	There are no data on the degradability of this product.
<b><u>Bioaccumulative potential</u></b>	
<b>Bio-Accumulative Potential</b>	No data available on bioaccumulation.
<b><u>Mobility in soil</u></b>	
<b>Mobility</b>	Avoid the spillage or runoff entering drains, sewers or watercourses.
<b><u>Other adverse effects</u></b>	
<b>Other adverse effects</b>	Not available.

### 13. Disposal considerations

#### Waste treatment methods

<b>General information</b>	When handling waste, the safety precautions applying to handling of the product should be considered.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
<b>Waste class</b>	08 04 99

### 14. Transport information

<b>General</b>	No other information known.
<b><u>UN Number</u></b>	

**PHILLYCLAD 1775/620TS RESIN**

UN No. (TDG)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (DOT)	3082

**UN proper shipping name**

<b>Proper shipping name (TDG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700 ))
<b>Proper shipping name (IMDG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700 ))
<b>Proper shipping name (ICAO)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700 ))
<b>Proper shipping name (DOT)</b>	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
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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information required.

**15. Regulatory information**

**PHILLYCLAD 1775/620TS RESIN****16. Other information**

<b>Revision date</b>	9/22/2021
<b>Revision</b>	9
<b>Supersedes date</b>	5/29/2019
<b>Hazard statements in full</b>	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.