

**SAFETY DATA SHEET  
Chockfast Orange Resin**

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME Chockfast Orange Resin  
 SUPPLIER Philadelphia Resins  
 SHANNON INDUSTRIAL ESTATE  
 CO. CLARE  
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 PRODUCT NO. 1010U resin, 1020U Resin  
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**2 HAZARDS IDENTIFICATION**

Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) Xi;R36/38. R43. N;R51/53.

**ENVIRONMENT**

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

**HUMAN HEALTH**

The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification (67/548)
EPOXY RESIN (Number average MW <= 700 )	500-033-5	25068-38-6	30-60%	R43 Xi;R36/38 N;R51/53
REACTION PRODUCT: BISPHENOL F-(EPICHLORHYDRIN);EPOXY RESIN		28064-14-4	1-5%	Xi;R36/38. N;R51/53. R43.
SILICA SAND	238-878-4	14808-60-7	30-60%	-

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES**

**GENERAL INFORMATION**

Avoid contact with eyes. Consult a physician for specific advice.

**INHALATION**

Remove victim immediately from source of exposure. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.

**INGESTION**

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

**SKIN CONTACT**

Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

## Chockfast Orange Resin

**EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide or dry powder.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapours. Keep run-off water out of sewers and water sources. Dike for water control.

**SPECIFIC HAZARDS**

When heated and in case of fire, irritating vapours/gases may be formed.

**PROTECTIVE MEASURES IN FIRE**

Wear full protective clothing. Use air-supplied respirator during fire fighting.

**6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid spilling, skin and eye contact.

**ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

**SPILL CLEAN UP METHODS**

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Absorb spillage with non-combustible, absorbent material.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet. Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Provide good ventilation.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a well-ventilated place.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
SILICA SAND	WEL		0.3 mg/m3 Resp Dust, HK			

WEL = Workplace Exposure Limit.

**PROTECTIVE EQUIPMENT**



**PROCESS CONDITIONS**

Provide eyewash, quick drench.

**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

If ventilation is insufficient, suitable respiratory protection must be provided.

**HAND PROTECTION**

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**EYE PROTECTION**

Wear approved safety goggles.

**HYGIENE MEASURES**

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**SKIN PROTECTION**

Wear apron or protective clothing in case of splashes.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

## Chockfast Orange Resin

APPEARANCE	Viscous liquid		
COLOUR	Orange		
ODOUR	No characteristic odour.		
RELATIVE DENSITY	1.6 20	VAPOUR PRESSURE	0.03 mm Hg 20
pH-VALUE, CONC. SOLUTION	7	FLASH POINT (°C)	254 CC (Closed cup).
AUTO IGNITION TEMPERATURE (°C)	300		

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions and recommended use.

#### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.

#### MATERIALS TO AVOID

Strong oxidising substances. Strong acids. Amines.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 11 TOXICOLOGICAL INFORMATION

#### SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact. Risk of sensitisation or allergic reactions among sensitive individuals.

#### EYE CONTACT

Irritating to eyes.

#### HEALTH WARNINGS

Preparation contains an epoxy resin, which may cause sensitisation and development of allergy.

#### ROUTE OF ENTRY

Inhalation. Ingestion.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

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

#### MOBILITY

Do not discharge into drains, water courses or onto the ground.

#### WATER HAZARD CLASSIFICATION

WGK 2

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

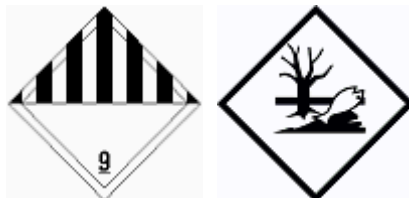
#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

#### WASTE CLASS

08 04 99

### 14 TRANSPORT INFORMATION



#### UK ROAD CLASS

9

#### PROPER SHIPPING NAME

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700 ), REACTION PRODUCT: BISPHENOL F-(EPICHLORHYDRIN);EPOXY RESIN)

### Chockfast Orange Resin

PROPER SHIPPING NAME	EPOXY RESIN (Number average MW <=700))		
UN NO. ROAD	3082	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	90	ADR LABEL NO.	9
HAZCHEM CODE	•3Z	CEFIC TEC(R) NO.	90GM6-III
RID CLASS NO.	9	RID PACK GROUP	III
UN NO. SEA	3082	IMDG CLASS	9
IMDG PACK GR.	III	EMS	F-A, S-F
UN NO. AIR	3082	AIR CLASS	9
AIR PACK GR.	III		

## 15 REGULATORY INFORMATION

**LABELLING**



Irritant



Dangerous for the environment

**CONTAINS**

EPOXY RESIN (Number average MW <= 700 )  
 REACTION PRODUCT: BISPHENOL F-(EPICHLORHYDRIN);EPOXY RESIN

**RISK PHRASES**

- R36/38 Irritating to eyes and skin.
- R43 May cause sensitisation by skin contact.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES**

- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37 Wear suitable gloves.
- S57 Use appropriate containment to avoid environmental contamination.
- S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
- P5 Contains epoxy constituents. See information supplied by the manufacturer.

## 16 OTHER INFORMATION

REVISION DATE 07/05/2010

REV. NO./REPL. SDS GENERATED 3

**RISK PHRASES IN FULL**

- R36/38 Irritating to eyes and skin.
- R43 May cause sensitisation by skin contact.
- NC Not classified.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**DISCLAIMER**

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.