

# **ITW Philadelphia Resins**

## **SAFETY DATA SHEET CHOCKFAST GREY RESIN.**

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

PRODUCT NAME CHOCKFAST GREY RESIN.  
 PRODUCT NO. Y0003  
 SUPPLIER Philadelphia Resins  
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### **2 HAZARDS IDENTIFICATION**

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

CLASSIFICATION Xi;R36/38. R43. R52/53.

#### **HUMAN HEALTH**

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

### **3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
EPOXY RESIN (Number average MW <= 700 )	500-033-5	25068-38-6	10-30%	R43 Xi;R36/38 N;R51/53
GAMMA-BUTYROLACTONE	202-509-5	96-48-0	1-5%	Xn;R22. Xi;R36.
ISO-BUTANOL	201-148-0	78-83-1	< 1%	R10 Xi;R37/38,R41 R67
SILICA SAND	238-878-4	14808-60-7	30-60%	-
TITANIUM DIOXIDE	236-675-5	13463-67-7	1-5%	-
XYLENE	215-535-7	1330-20-7	< 1%	R10 Xn;R20/21 Xi;R38

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

### **4 FIRST-AID MEASURES**

#### **GENERAL INFORMATION**

Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

#### **INHALATION**

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Contact physician if discomfort continues.

#### **INGESTION**

Rinse mouth thoroughly. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention.

#### **SKIN CONTACT**

Remove affected person from source of contamination. Wash skin thoroughly with soap and water for several minutes. Contact physician if irritation persists.

## CHOCKFAST GREY RESIN.

### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Contact physician if irritation persists.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder.

### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep up-wind to avoid fumes. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

### SPECIFIC HAZARDS

By heating and fire, irritating vapours/gases may be formed.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### 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

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

Absorb with sand or other inert absorbent. Transfer to covered steel drums for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

## 7 HANDLING AND STORAGE

### 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. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ISO-BUTANOL	WEL	50 ppm	154 mg/m3	75 ppm	231 mg/m3	
SILICA SAND	WEL		0.3 mg/m3 Resp Dust, HK			
TITANIUM DIOXIDE			10 mg/m3 total dust			
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash, quick drench.

**CHOCKFAST GREY RESIN.****ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

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

**HAND PROTECTION**

Use protective gloves made of: Rubber or plastic.

**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**HYGIENE MEASURES**

Keep away from food, drink and animal feeding stuffs. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving work place.

**SKIN PROTECTION**

Protection suit must be worn.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Viscous liquid		
COLOUR	Grey		
ODOUR	No characteristic odour.		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	277	RELATIVE DENSITY	1.60 20 °C
VAPOUR PRESSURE	<0.03 mmHg 20	pH-VALUE, CONC. SOLUTION	7 @ 20 °C
FLASH POINT (°C)	> 254	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**

Avoid contact with: Strong oxidising agents. Strong acids. Amines.

**HAZARDOUS DECOMPOSITION PRODUCTS**

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

**11 TOXICOLOGICAL INFORMATION****SKIN CONTACT**

Irritating to skin. May cause sensitisation by skin contact. Prolonged contact may cause redness, irritation and dry skin. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

**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.

Name	EPOXY RESIN (Number average MW <= 700 )
Toxic Dose 1 - LD 50	>2000 mg/kg (oral rat)
Toxic Dose 2 - LD 50	>2000 mg/kg (oral rat)

**CHOCKFAST GREY RESIN.****12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

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

## MOBILITY

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

## WATER HAZARD CLASSIFICATION

WGK 2

**13 DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

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

## WASTE CLASS

08 04 99

**14 TRANSPORT INFORMATION**

## GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

## ADR CLASS

Not classified for transportation.

MARINE POLLUTANT

No.

**15 REGULATORY INFORMATION**

## LABELLING



Irritant

## CONTAINS

EPOXY RESIN (Number average MW <= 700 )

## RISK PHRASES

R43

May cause sensitisation by skin contact.

R36/38

Irritating to eyes and skin.

R52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SAFETY PHRASES

S24/25

Avoid contact with skin and eyes.

S37/39

Wear suitable gloves and eye/face protection.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28

After contact with skin, wash immediately with plenty of water.

P5

Contains epoxy constituents. See information supplied by the manufacturer.

**16 OTHER INFORMATION**

REVISION DATE

16/03/2009

REV. NO./REPL. SDS GENERATED 6

DATE

25.01.2005

## CHOCKFAST GREY RESIN.

### RISK PHRASES IN FULL

NC	Not classified.
R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

### 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.