

## SAFETY DATA SHEET POLYURETHANE RESIN PART A

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

**PRODUCT NAME** POLYURETHANE RESIN PART A  
**PRODUCT NO.** EMC-85/10A  
**APPLICATION** Resin  
**SUPPLIER** PDM NEPTEC LTD  
4-6 ALTON BUSINESS CENTRE  
OMEGA PARK  
ALTON  
HAMPSHIRE  
GU34 2YU  
+44 (0) 1420 85848  
**CONTACT PERSON** MIKE FELLOWS

### 2 HAZARDS IDENTIFICATION

Limited evidence of a carcinogenic effect.

**CLASSIFICATION** Carc 3;R40.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Alkoxylated amine			10-30%	Xi;R36.
ANTIMONY TRIOXIDE	215-175-0	1309-64-4	5-10%	Carc3;R40
Thiodiethylene bis(3-(3,5-diterti-butyl-4-hydroxyphenyl)propionate	255-392-8	41484-35-9	<0.5%	N;R51/53.
Phenyl mercuric neodecanoate	247-783-7	26545-49-3	<0.5%	T;R25,R48/24/25. C;R34. N;R50/53.

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

#### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention immediately!

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Fire can be extinguished using: Water spray, fog or mist. Foam. Powder.

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILL CLEAN UP METHODS

Ventilate well. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

### 7 HANDLING AND STORAGE

**POLYURETHANE RESIN PART A****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Persons susceptible for allergic reactions should not handle this product.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ANTIMONY TRIOXIDE	WEL		0.5 mg/m3			

WEL = Workplace Exposure Limit.

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact. 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.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet.

Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE</b>	Viscous		
<b>COLOUR</b>	Black		
<b>ODOUR</b>	Aromatic.		
<b>RELATIVE DENSITY</b>	0.98 @ 20C	<b>VISCOSITY</b>	@ °c

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition.

**MATERIALS TO AVOID**

No incompatible groups noted.

**HAZARDOUS DECOMPOSITION PRODUCTS**

High temperatures generate: Irritating gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO).

**11 TOXICOLOGICAL INFORMATION**

### POLYURETHANE RESIN PART A

#### INGESTION

May cause stomach pain or vomiting.

#### SKIN CONTACT

Irritating to skin. May cause skin irritation/eczema

#### EYE CONTACT

Irritating to eyes.

#### HEALTH WARNINGS

No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

#### Other Health Effects

Suspect Cancer Hazard. Carcinogen Category 3.

<b>Name</b>	ANTIMONY TRIOXIDE
<b>Toxic Dose 1 - LD 50</b>	>20,000 mg/kg (oral rat)

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Not regarded as dangerous for the environment.

<b>Name</b>	ANTIMONY TRIOXIDE
<b>LC 50, 96 Hrs, FISH mg/l</b>	530
<b>Mobility</b>	

The product is insoluble in water.

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

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

### 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.

#### ROAD TRANSPORT NOTES

Not Classified

#### RAIL TRANSPORT NOTES

Not Classified.

#### SEA TRANSPORT NOTES

Not Classified.

#### AIR TRANSPORT NOTES

Not Classified.

#### ADR CLASS

Not classified for transportation.

**MARINE POLLUTANT**

No.

### 15 REGULATORY INFORMATION

#### SYMBOLS



Harmful

#### CONTAINS

ANTIMONY TRIOXIDE

#### RISK PHRASES

R40

Limited evidence of a carcinogenic effect.

#### SAFETY PHRASES

S36/37

Wear suitable protective clothing and gloves.

#### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988.

Chemicals (Hazard Information & Packaging) Regulations.

