

REVISION DATE: 14.05.10



## SAFETY DATA SHEET

### Special Blend Epoxy Resin Cleaner (SB394)

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

PRODUCT NAME Special Blend Epoxy Resin Cleaner (SB394)

SUPPLIER Mykal Industries Ltd  
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PRODUCT NO. 66320, 66318

INTERNAL ID E0394

APPLICATION Ink , Adhesive And Resin Removal

CONTAINER SIZE 25 and 200 litre containers

#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

##### ENVIRONMENT

The product is not expected to be hazardous to the environment.

##### HUMAN HEALTH

Prolonged skin contact may cause redness, irritation and dry skin.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Glycol Ether	252-104-2	34590-94-8	60-100%	-

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

##### COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Get medical attention if any discomfort continues.

##### NOTES TO THE PHYSICIAN

No specific first aid measures noted.

##### INHALATION

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position.

##### INGESTION

Contact physician if larger quantity has been consumed.

##### SKIN CONTACT

Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water.

##### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog.

##### SPECIAL FIRE FIGHTING PROCEDURES

Ventilate closed spaces before entering them.

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**Special Blend Epoxy Resin Cleaner (SB394)****UNUSUAL FIRE & EXPLOSION HAZARDS**

No unusual fire or explosion hazards noted.

**SPECIFIC HAZARDS**

Not relevant.

**PROTECTIVE MEASURES IN FIRE**

Use protective equipment appropriate for surrounding materials.

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

In case of spills, beware of slippery floors and surfaces.

**ENVIRONMENTAL PRECAUTIONS**

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

**SPILL CLEAN UP METHODS**

Absorb spillage with oil-absorbing material. Wash contaminated area with water.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

No specific usage precautions noted.

**STORAGE PRECAUTIONS**

No specific recommendations.

**STORAGE CLASS**

Unspecified storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
Glycol Ether	OES	50 ppm(Sk)		Sk

Sk = Can be absorbed through skin.

**PROCESS CONDITIONS**

Provide eyewash station.

**RESPIRATORY EQUIPMENT**

Respiratory protection not required.

**HAND PROTECTION**

For prolonged or repeated skin contact use suitable protective gloves. Nitrile gloves are recommended.

**EYE PROTECTION**

If risk of splashing, wear safety goggles or face shield.

**HYGIENE MEASURES**

When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Colourless liquid		
ODOUR	Slight odour		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Soluble in water.		
BOILING POINT (°C)	190	MELTING POINT (°C)	-83
RELATIVE DENSITY	0.95	VAPOUR DENSITY (air=1)	5.11
VAPOUR PRESSURE	0.37 mbar 20C	VOLATILE BY VOL. (%)	100
VISCOSITY	3.7 mPas 25	FLASH POINT (°C)	75 Sh CC (Setaflash closed cup).
AUTO IGNITION TEMPERATURE (°C)	207	FLAMMABILITY LIMIT - LOWER(%)	1.1
FLAMMABILITY LIMIT - UPPER(%)	14	PARTITION COEFFICIENT (N-Octanol/Water)	0.35

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

No particular stability concerns.

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**Special Blend Epoxy Resin Cleaner (SB394)****CONDITIONS TO AVOID**

Avoid contact with strong oxidisers.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**MATERIALS TO AVOID**

Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.**11 TOXICOLOGICAL INFORMATION****INHALATION**

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

**INGESTION**

No harmful effects expected in amounts likely to be ingested by accident.

**SKIN CONTACT**

Prolonged contact may cause dryness of the skin.

**EYE CONTACT**

Splashes may irritate.

**HEALTH WARNINGS**

This product has low toxicity. Only large volumes may have adverse impact on human health.

**ROUTE OF ENTRY**

Skin and/or eye contact.

**MEDICAL SYMPTOMS**

No specific symptoms noted.

Name	Glycol Ether
Toxic Dose 1 - LD 50	>5000 mg/kg (oral rat)
Toxic Conc. - LC 50	>55 Not noted.

**OTHER HEALTH EFFECTS**

This substance has no evidence of carcinogenic properties.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product is not expected to be hazardous to the environment.

**MOBILITY**

The product is soluble in water.

**BIOACCUMULATION**

The product does not contain any substances expected to be bioaccumulating.

**DEGRADABILITY**

The product is biodegradable.

**WATER HAZARD CLASSIFICATION****WGK 1**

Name	Glycol Ether
Ecotoxicity	
The product is not expected to be hazardous to the environment.	
LC 50, 96 Hrs, FISH mg/l	>10000
EC 50, 48 Hrs, DAPHNIA, mg/l	1919
IC 50, 72 Hrs, ALGAE, mg/l	>100
Mobility	
The product is soluble in water.	
Bioaccumulation potential	
The product is not bioaccumulating.	
Degradability	
The product is biodegradable.	
Acute Fish Toxicity	
Not considered toxic to fish.	

**13 DISPOSAL CONSIDERATIONS**

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## 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). Tariff code 2901 1000

**15 REGULATORY INFORMATION**

## RISK PHRASES

NC Not classified.

## SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.

## UK REGULATORY REFERENCES

Chemicals (Hazard Information &amp; Packaging) Regulations.

## ENVIRONMENTAL LISTING

No listing noted.

## EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

## NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

**16 OTHER INFORMATION**

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## SAFETY DATA SHEET STATUS

Approved.

## RISK PHRASES IN FULL

NC Not classified.

## DISCLAIMER

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