

REVISION DATE: 14.05.10



## SAFETY DATA SHEET

### Special Blend Adhesive Cleaner

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

PRODUCT NAME Special Blend Adhesive Cleaner

SUPPLIER Mykal Industries Ltd  
Farnsworth House, Morris Close,  
Park Farm Industrial Estate,  
Wellingborough, Northants, NN8 6XF  
Tel, 0044(0)1933 402822  
Fax, 0044(0)1933 402488  
e-mail, enquiries@mykal.co.uk

PRODUCT NO. 67107, 67115, 66120

INTERNAL ID SB12

APPLICATION Ink , Adhesive And Resin Removal

CONTAINER SIZE 1Litre to 25 Litre

#### 2 HAZARDS IDENTIFICATION

Flammable. Irritating to eyes and skin. Harmful: may cause lung damage if swallowed.

CLASSIFICATION (1999/45) Xn;R65. Xi;R36/38. R10.

##### ENVIRONMENT

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

##### PHYSICAL AND CHEMICAL HAZARDS

Vapours are heavier than air and may travel along the floor and in the bottom of containers.

##### HUMAN HEALTH

Irritating to eyes. Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Gamma Butyrolactone	202-509-5	96-48-0	30-60%	Xn;R22. Xi;R36.
Glycol Ether	225-878-4	005131-66-8	30-60%	Xi;R36/38.
Orange Terpenes	232-433-8	8028-48-6	30-60%	Xn;R65. R10.

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

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Get medical attention if any discomfort continues.

##### NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

##### INHALATION

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 affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

##### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.

## Special Blend Adhesive Cleaner

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.

#### SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control. Keep up-wind to avoid fumes.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition.

#### SPECIFIC HAZARDS

Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

#### PROTECTIVE MEASURES IN FIRE

Use protective equipment appropriate for surrounding materials.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing. Take precautionary measures against static discharges. Avoid inhalation of vapours and contact with skin and eyes.

#### ENVIRONMENTAL PRECAUTIONS

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

#### SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers. Collect in containers and seal securely. Clean contaminated area with oil-removing material. Do not contaminate water sources or sewer.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Avoid eating, drinking and smoking when using the product.

#### STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Store in a cool and well-ventilated place.

#### STORAGE CLASS

Flammable liquid storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
Orange Terpenes		800 mg/m <sup>3</sup>		

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

#### ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

#### HYGIENE MEASURES

Wash contaminated clothing before reuse. Wash hands after contact. Use appropriate hand lotion to prevent defatting and cracking of skin. Promptly remove non-impervious clothing that becomes wet or contaminated. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Colourless		
ODOUR	Sweetish		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	171-255 760 mm Hg	MELTING POINT (°C)	N/A

REVISION DATE: 14.05.10

**Special Blend Adhesive Cleaner**

RELATIVE DENSITY	0.97	VAPOUR DENSITY (air=1)	4.0@80C
VOLATILE BY VOL. (%)	100	FLASH POINT (°C)	45 P/M Pinsky-Martens.
AUTO IGNITION	180	FLAMMABILITY LIMIT - LOWER(%)	0.6
TEMPERATURE (°C)			
FLAMMABILITY LIMIT - UPPER(%)	6.5		

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

Avoid: Heat, sparks, flames. Contact with peroxides.

**CONDITIONS TO AVOID**

Avoid contact with acids. Avoid exposing to heat and contact with strong oxidising substances.

**MATERIALS TO AVOID**

Strong acids. Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

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

**11 TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

No data recorded.

**GENERAL INFORMATION**

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

**INHALATION**

Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

**INGESTION**

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

**SKIN CONTACT**

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**EYE CONTACT**

Splashes may irritate.

**HEALTH WARNINGS**

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

**OTHER HEALTH EFFECTS**

This substance has no evidence of carcinogenic properties.

**ROUTE OF ENTRY**

Skin and/or eye contact.

**TARGET ORGANS**

No specific target organs noted.

**MEDICAL SYMPTOMS**

No specific symptoms noted.

**MEDICAL CONSIDERATIONS**

Avoid vomiting and normal rinse of stomach because of risk of aspiration.

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

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

**MOBILITY**

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

**BIOACCUMULATION**

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

**DEGRADABILITY**

The product is slowly degradable.

**WATER HAZARD CLASSIFICATION**

WGK 1

**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.

REVISION DATE: 14.05.10

**Special Blend Adhesive Cleaner**

## DISPOSAL METHODS

Contact specialist disposal companies. Do not allow runoff to sewer, waterway or ground. INCINERATE.

**14 TRANSPORT INFORMATION**

## GENERAL

Tariff code 2901 1000



UK ROAD CLASS	3		
PROPER SHIPPING NAME	Flammable liquid N.O.S (Terpenes)		
UN NO. ROAD	1993	UK ROAD PACK GR.	III
ADR CLASS	Class 3: Flammable liquids.	ADR PACK GROUP	3
	N/A.		
TUNNEL RESTRICTION CODE	(D/E)	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1993
IMDG PACK GR.	III	EMS	F-E, S-E
MFAG	See Guide	UN NO. AIR	1993
AIR CLASS	3	AIR PACK GR.	III

**15 REGULATORY INFORMATION**

## LABELLING



Harmful

## CONTAINS

Gamma Butyrolactone  
Orange Terpenes

## RISK PHRASES

R10 Flammable.  
 R36/38 Irritating to eyes and skin.  
 R65 Harmful: may cause lung damage if swallowed.

## SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37 Wear suitable gloves.  
 S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

## UK REGULATORY REFERENCES

Chemicals (Hazard Information &amp; Packaging) Regulations.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**16 OTHER INFORMATION**

## REVISION DATE

14.05.10

## SAFETY DATA SHEET STATUS

Approved.

REVISION DATE: 14.05.10

## Special Blend Adhesive Cleaner

### RISK PHRASES IN FULL

R10	Flammable.
R22	Harmful if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.

### 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.