

## SAFETY DATA SHEET

### SEAMSEAL

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

PRODUCT NAME SEAMSEAL

PRODUCT NO. GRFAB02

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#### 2 HAZARDS IDENTIFICATION

Highly flammable. Harmful by inhalation. Repeated exposure may cause skin dryness or cracking. Irritating to eyes. May cause sensitisation by inhalation.

CLASSIFICATION Xn;R20. R42. Xi;R36. F;R11. R66.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	60-100%	F;R11 Xi;R36 R66 R67
BUTANONE	201-159-0	78-93-3	10-30%	F;R11 Xi;R36 R66 R67
ETHYL ACETATE	205-500-4	141-78-6	5-10%	F;R11 Xi;R36 R66 R67
TOLUENE-DIISOCYANATE	247-722-4	26471-62-5	< 1%	Carc. Cat. 3;R40 T+;R26 R42/43 Xi;R36/37/38 R52/53

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

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### INHALATION

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

##### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Get medical attention immediately! NOTE! Keep affected person away from heat, sparks and flames!

##### SKIN CONTACT

Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

##### EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

##### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

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

**SEAMSEAL**

**6 ACCIDENTAL RELEASE MEASURES**

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers.

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS

Static electricity and formation of sparks must be prevented. Keep away from heat, sparks and open flame. Use explosion proof electric equipment. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

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

STORAGE CLASS

Flammable liquid storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3	
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)	
ETHYL ACETATE	WEL	200 ppm		400 ppm		
TOLUENE-DIISOCYANATE	WEL		0.02 mg/m3(Sen)		0.07 mg/m3(Sen)	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Explosion-proof 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 protective gloves.

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. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid	FLASH POINT (°C)	-19
COLOUR	Clear		
ODOUR	Solvent.		
SOLUBILITY	Slightly soluble in water.		
RELATIVE DENSITY	0.79 @ 25oC		

**SEAMSEAL**

**10 STABILITY AND REACTIVITY**

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat. Avoid contact with oxidisers or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

**11 TOXICOLOGICAL INFORMATION**

INHALATION

Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Vapour from this chemical can be hazardous when inhaled. Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

May cause stomach pain or vomiting.

SKIN CONTACT

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

EYE CONTACT

Irritation of eyes and mucous membranes.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes.

**12 ECOLOGICAL INFORMATION**

**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS

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

**14 TRANSPORT INFORMATION**



PROPER SHIPPING NAME	ADHESIVES		
UN NO. ROAD	1133	ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.	ADR PACK GROUP	5(b)
HAZARD No. (ADR)	33	ADR LABEL NO.	3
HAZCHEM CODE	3[Y]E	CEFIC TEC(R) NO.	30G80
RID CLASS NO.	3	RID PACK GROUP	5(b)
UN NO. SEA	1133	IMDG CLASS	3.2
IMDG PAGE NO.	3174	IMDG PACK GR.	II
EMS	3-05	MFAG	330
UN NO. AIR	1133	AIR CLASS	3
AIR PACK GR.	II		

**15 REGULATORY INFORMATION**

LABELLING

**SEAMSEAL**



Harmful



Highly Flammable

CONTAINS

TOLUENE-DIISOCYANATE

RISK PHRASES

- R11 Highly flammable.
- R20 Harmful by inhalation.
- R36 Irritating to eyes.
- R42 May cause sensitisation by inhalation.
- R66 Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES

- S2 Keep out of the reach of children
- S9 Keep container in a well-ventilated place.
- S13 Keep away from food, drink and animal feeding stuffs.
- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe vapour/spray.
- S25 Avoid contact with eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37 Wear suitable gloves.
- S38 In case of insufficient ventilation, wear suitable respiratory equipment.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S56 Dispose of this material and its container to hazardous or special waste collection point.
- S63 In case of accident by inhalation: remove casualty to fresh air and keep at rest.
- S64 If swallowed, rinse mouth with water (only if the person is conscious).
- P4 Contains isocyanates. See information supplied by the manufacturer.

UK REGULATORY REFERENCES

Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.

ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

REVISION DATE 05/03/2010

REV. NO./REPL. SDS GENERATED 1

## SEAMSEAL

### RISK PHRASES IN FULL

R11	Highly flammable.
R26	Very toxic by inhalation.
R36	Irritating to eyes.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R42/43	May cause sensitisation by inhalation and skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
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.