

## MATERIAL SAFETY DATA SHEET

### SECTION I CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Code	:	Elastopor H 1611/16
Manufacturer	:	M/S Elastogran Kanoo Polyurethane System LLC P.O.Box 490001 Dubai, U.A.E
CAS NO	:	NA
H.S.CODE	:	NA
Telephone	:	00971 4 447 0807
Fax	:	00971 4 447 0805

### SECTION II INGREDIENTS: ( % W/W. Unless otherwise noted )

Ingredient		Approx. %
Non hazardous blend of polyether polyol	:	> 75
A mixture of amine catalyst, silicone surfactant	:	< 10
Blowing agent (HCFC 141 b)	:	< 20
CAS	:	None Established

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200) in addition, other substances not hazardous per this OSHA standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

### SECTION III HAZARD IDENTIFICATION

Emergency Overview  
Irritating to eyes, respiratory system and skin.

Systemic and other effects:  
No specific data is available; however repeated exposures are not anticipated to cause any significant adverse effects. Tests with similar polyols show them to be non-carcinogenic.

### SECTION IV FIRST AID MEASURES

Eyes	:	Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.
Skin	:	Wash of in flowing water.
Ingestion	:	Induce vomiting if large amount are ingested. Consult medical personnel.
Inhalation	:	No adverse affect by this sort of exposure.

Note to Physician: No specific Antidotes. Supportive care Treatment based on judgment of the physician in response to reaction of the patient.

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### SECTION V FIRE FIGHTING MEASURES

Flash point	:	405°F, 207 °C
Method used	:	ASTM D -93, PMCC
Flammable limits		
LFL	:	Not determine
UFL	:	Not determine
Extinguishing media	:	Water spray or fog, CO2, powder
Fire and Explosive Hazards	:	Not available
Fire Fighting Equipment	:	Wear self contained breathing apparatus.

### SECTION VI ACCIDENTAL RELEASE MEASURES

Spill/ Leak Procedures	:	Absorb spilled material with sawdust or clay, dike large spills and place material in salvage containers.
Environmental Precautions	:	Prevent Contamination of soil and water.
Protection of Personnel	:	Wear protective equipment and keep unauthorized persons away.

### SECTION VII HANDLING AND STORAGE

#### Handling

Avoid contact with eyes, skin and clothing. Avoid breathing vapor or fumes. For protection use protective clothing, hand gloves, chemical resistant goggles. Wash hand thoroughly after handling and before eating and drinking. Protect from possible thermal burns when material has to be handled at 60°C to 80°C.

#### Storage

Keep container/ drum tightly closed and dry. Keep it in a cool and well ventilated area.

### SECTION VIII EXPOSURE CONTROL/ PERSONAL PROTECTION

Good general ventilation should be sufficient for most conditions.

#### Personal Protection

Skin	:	Wear protective clothing and hand gloves.
Respiratory	:	No respiratory protection is needed under normal condition.
Eye	:	Use chemical resistant goggles, if vapor exposure cause irritation, use a full face respirator.
General	:	Use good personal hygiene practices, wash hand with soap before eating, drinking and after handling the material.

Eye wash fountain and emergency shower should be located at the work area.

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### SECTION IX PHYSICAL AND CHEMICAL DATA

Form	:	Viscous liquid
Color	:	Clear, yellow to orange to brown liquid
Odor	:	Low odor
Boiling Point	:	Decomposes at elevated temperatures.
Vapor pressure	:	Nil
Vapor density	:	> 1.0
Solubility in water	:	soluble
Specific gravity	:	1.12, 25/25 ° C

### SECTION X STABILITY AND REACTIVITY

Stability	:	Stable under normal handling condition
Incompatibility	:	Oxidizing materials.
Hazardous Polymerization	:	Will not occur.

### SECTION XI TOXICOLOGICAL INFORMATION

Eye	:	May cause moderate eye irritations and slight corneal injury
Skin contact	:	Prolonged exposure may cause skin irritations.
Skin absorption's single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amount. The LD 50 skin absorption in rabbits is > 5000 mg/kg.		
Ingestion	:	Single dose oral toxicity is low. The oral LD 50 for male and female rats is > 5000 mg/kg.
Inhalation	:	No adverse effects are anticipated from inhalation.
Systemic & Other effects	:	No specific data is available; however repeated exposures are not anticipated to cause any significant adverse effects. Tests with similar Polyols show them to be non-carcinogenic.

### SECTION XII ECOLOGICAL INFORMATION

Ecotoxicity	:	No relevant studies identified
Bioaccumulation	:	Not available
Biodegradability	:	Not available
Other information on ecotoxicity	:	Not available

### SECTION XIII DISPOSAL CONSIDERATIONS

Incinerate and dispose in accordance with a local state and federal regulation.

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### SECTION XIV TRANSPORT INFORMATION

This material is not classified as dangerous for conveyance, has no UN number which mean that is not regulated according to Transportation and Dangerous Goods Regulations.

### SECTION XV REGULATORY INFORMATION

No data available

### SECTION XVI OTHER INFORMATION

Reason for Issue : Revised format  
Prepared by : Q.C and R&D Department

REGULATORY INFORMATION:  
(Not meant to be all inclusive selected Regulations represented.)

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