

# Material Safety Data Sheet

Page 1 of 5

Issue date: February 2008

## Isonol 93

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name: Isonol 93**

**Synonym:** None

**Use:** Polyurethane elastomer curative

Kromu Kimya Mum.Dah.Tic.Ltd.St  
Kamelya Sok No:1 Menemen  
Deri Serbest Bolgesi  
Menemen Izmir  
Turkey

**Emergency Advice All Hours:**

Gokhan Aksin 90 232 8426628

### 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

**Hazard Category:** None allocated

**Hazard Classification:** NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD

#### RISK PHRASES

None allocated

#### SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

**Poison Schedule:** None allocated

#### Warning Statement:

Avoid skin and eye contact.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
POLYETHER POLYOL - NON HAZARDOUS	Greater than 60%	50586-59-9

All other ingredients not hazardous according to NOHSC Criteria.

### 4. FIRST AID MEASURES

#### Swallowed:

Induce vomiting if large amounts are ingested. Seek medical attention.

#### Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists seek medical attention.

#### Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap. Flush skin with water. Seek medical attention if irritation persists after washing.

#### Inhaled:

Remove victim to fresh air if effects occur. Seek medical attention.

#### First Aid Facilities:

# Material Safety Data Sheet

Page 2 of 5

Issue date: February 2008

## Isonol 93

Eye wash fountain, safety shower and normal washroom facilities.

### Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

## 5. FIRE-FIGHTING MEASURES

### Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposes on heating emitting toxic fumes including carbon dioxide and carbon monoxide.

FIRE FIGHTING PROCEDURES: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

EXTINGUISHING MEDIA: Use extinguishing media suitable for surrounding fire situation. Use foam, water spray (fog), CO<sub>2</sub> or dry powder. Use water spray to cool fire-exposed containers and for large fires.

HAZCHEM CODE: None allocated [Aust]

### FLAMMABILITY

Combustible liquid - Store in accordance with *The storage and handling of flammable and combustible liquids*.

## 6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains, sewers and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

## 7. HANDLING AND STORAGE

Store in a cool, dry place and out of direct sunlight. Store away from sources of heat or ignition. Keep containers closed (air-tight and free of moisture), when not using the product. Store in original packages as approved by manufacturer. Purge with nitrogen and close container when not in use. Do not eat, drink or smoke in the workplace.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Standards

No exposure standards have been assigned by [NOHSC] for this product or any of the components:

\*\*\*\*\*

### **POLYETHER POLYOL - NON HAZARDOUS**

No Exposure details available

### Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended. If exhaust ventilation is not available or inadequate, use approved respirator to Australian Standards.

### Personal Protection Equipment

CLOTHING: Wear protective clothing such as PVC or natural rubber apron to prevent skin contact and contact with clothing.

GLOVES: Wear impervious gloves to prevent skin contact - PVC or natural rubber.

# Material Safety Data Sheet

Page 3 of 5

Issue date: February 2008

## Isonol 93

**EYES:** Chemical goggles or face shield to protect eyes.

**RESPIRATORY PROTECTION:** Avoid breathing of vapours/gases. The use of a respirator for organic vapours with (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with local regulations or any other acceptable International Standard is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear viscous liquid
<b>Boiling Point Melting Point:</b>	Not applicable
<b>Vapour Pressure:</b>	Nil
<b>Specific Gravity:</b>	1.11 @ 25°C
<b>Flash Point:</b>	190°C (ASTM D-93)
<b>Flammability Limits:</b>	Not applicable
<b>Solubility in Water:</b>	Soluble

#### Other Properties

None determined.

### 10. STABILITY AND REACTIVITY

#### STABILITY:

Stable under normal conditions of use.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Emits toxic fumes including carbon dioxide and carbon monoxide when heated to decomposition. May form highly toxic materials if combined with phosphorous-containing compounds.

#### HAZARDOUS POLYMERIZATION:

Will not occur under.

#### INCOMPATIBILITIES:

Avoid contact with oxidizing agents.

#### CONDITIONS TO AVOID:

Avoid heat, flames, ignition sources and incompatibles. Keep airtight and free of moisture.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

#### ACUTE HEALTH EFFECTS:

##### Swallowed:

Single-dose oral toxicity is low. May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

##### Eye:

May cause slight temporary irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

##### Skin:

A single prolonged exposure is not likely to result in absorption of harmful amounts. Skin contact may cause irritation to the skin, with effects including: redness and itchiness.

##### Inhaled:

Exposure to vapours at room temperatures is unlikely due to physical properties; higher temperatures may generate vapour levels sufficient to cause irritations. Vapours may cause irritation to the nose, throat and respiratory system.

##### Chronic:

# Material Safety Data Sheet

Page 4 of 5

Issue date: February 2008

## Isonol 93

There is no information available for this product.

### **Toxicological Data:**

There is no other toxicological information available for this product.

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity:**

There is no information available for this product.

### **Mobility:**

There is no information available for this product.

### **Persistence / Degradability:**

There is no information available for this product.

### **Chemical Fate Information:**

There is no ecological information available for this product, however, large quantities should not be discharged into drains, sewers or waterways.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all relevant Local, State and Federal regulations. Dispose of material through a licensed waste contractor. Any processing, use, or contamination of this product may change the requirements for disposal. It is the responsibility of the generator of the waste to properly classify, transport and dispose of the waste.

## 14. TRANSPORT INFORMATION

### **Road Transport**

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** None allocated

### **Air Transport**

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** None allocated

### **Sea Transport**

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** None allocated

## 15. REGULATORY INFORMATION

### **Inventory Status:**

*Inventory*                      *Status*

Australia (AICS)

Y

# Material Safety Data Sheet

Page 5 of 5

Issue date: February 2008

## Isonol 93

Y = all ingredients are on the inventory.

### 16. OTHER INFORMATION

**Date of Preparation:**

Issue date: 22/02/08

Supersedes: December 2005

**Reasons for Update:**

New format.

**Key Legend Information:**

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances

EPA - Environmental Protection Agency [Int]

NIOSH - National Institute for Occupational Safety and Health [US]

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]

EU - European Union

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

Removal of the heading of *Poison Schedule [Aust]*, in section 3 and 15 of this Material Safety Data Sheet (MSDS) makes this a valid health and safety document in other international jurisdictions/countries. For full compliance please contact your Federal, State or Local regulators for further information.

**Disclaimer**

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

**Principal References:**

Information supplied by manufacturer, reference sources including the public domain.

**END OF MSDS**