

# Material Safety Data Sheet Silicone

## 1. Identification Of The Substance /Preparation And Company

SILICONE RUBBER

EDCO SEAL AND SUPPLY LTD

## 2.Composition/Information On Ingredients

### Mixing :

Chemical Character :

COMPOUND FORMULATION		CAS NO.	WEIGHT ( % )	
Silicone Rubber (Shin-Etsu KE-971U)	1)Siloxanes and silicones, di-Me,Me-Vinyl, vinyl group-terminated		92.554 ~ 100.000 (Detail weight% cannot be enclosed due to confidential issues)	
	2)Siloxanes and silicones, di-Me,vinyl group-terminated	1)68083-18-1 2)68083-19-2 3)112926-00-8 4)68855-54-9		
	3)Silica gel, PPTD.,cryst.-free			
	4)Kieselguhr, soda ash flux-calcined			
C-8 (Shin-Etsu C-8)		----	1.960 ~ 2.000	
Iron oxide		1309-37-1	0.588 ~ 0.600	

## 3.Hazard Identification :

\*Most Important Hazards: Not hazardous. \*Signs and Symptoms of Overexposure: No significant adverse effects from a single exposure expected from normal use.

\*Overall Hazard Classification: Not classified to be a dangerous material.

## 4.First Aid Measures :

\* Eyes : Immediately flush with water.

\* Skin: No first aid should be needed.

\* Ingestion: Wash out mouth with water provided person is conscious. never give anything by mouth to an unconscious person. call a physician immediately.

\* Inhalation: No first aid should be needed.

## 5.Fire Fighting Measure

\*Suitable Extinguishing Media : water spray, dry chemical, CO2, foam

# Material Safety Data Sheet

\*Special Exposure Hazards :

\*Special Extinguishing Procedure : If possible, remove the tinder. Use water cooling contenders in a fire

cover with sand.

\*Special protection Equipment : Firefighters should be equipped with self-contained breathing apparatuses to protect against potentially toxic and irritation fume, avoid dusting dust can.

## 6. Accidental Release Measures

Step to be taken in case material is released or spilled: Collect spilled materials and place in a

## 7. Handling And Storage :

\*Keep container closed when not in use.

\*Store in a cool place and do not expose to temperatures above 50°C.

\*Keep away from heat and flame.

\*Keep out of reach of children.

## 8. Exposure Control/Personal Protection

\*Local Ventilation: None should be needed.

\*General Ventilation: Recommended.

•Biotic Index : None

\*Personal Protection Equipment :

•Respiratory Protection : No respiratory protection should be needed.

•Suitable Respirator: None should be needed.

\*Hygiene Procedures : food forbidden, wash hands after work, keep good management of storage.

## 9. Physical And Chemical Properties / Characteristics

Appearance : Solid Type	Form: Rubber parts, o-ring, washer... etc..
Color : Red	Odor : Weak aromatic
PH value : Not determined.	Boiling Point/Boiling Range : Not determined.
Decomposition Temperature : Not determined.	Flash Point : Not determined.
Ignition Temperature : Above 200°C	Exposure Limits : Not applicable
Vapor Pressure : Not determined.	Vapor Density : Not determined.
Specific Gravity : 1.31	Solubility In Water : Insoluble

## 10. Stability And Reactivity :

\*Stability : stable

\*Thermal decomposition: Above 200°C (TGA, Heating rate 20°C/min)

\*Hazardous Decomposition Products : Formation of acrylonitrile, butadiene, hydrogen cyanide and further

Version.1.0

# Material Safety Data Sheet

\*Acute oral toxicity (LD50) : No hazard likely. \*Effect on the eyes: No hazard likely.

\*Effect on the skin: No hazard likely.

\*Local Effects : No known applicable information \*Sensitive : None known

\*Chronic : No known applicable information \*Exceptional Effect : None known

## **12.Ecological Information :**

Possibility Of Environmental Impact/Move : None

## **13.Disposal Information :**

Disposal Information : May be incinerated in a suitable facility provided local regulations are observed.

## **14.Transport Information :**

\*International Transport Regulation : Not assessed \*The United Nations Number(Un-No) : None

\*Internal Transport Regulation : None

\*Special Transport Way And Note : Not available

## **15.Regulatory Information :**

Apply Regulation : None

## **16.Other Information :**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.