



**MATERIAL SAFETY DATA SHEET**  
According to EC directive 91/155/EEC and subsequent amendments  
Version 1.1 Issue Date: 07.11.2013

## GP 60 SILICONE SHEET

### 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name : GP. 60. SILICONE SHEET

Company : Crystal Rubber Limited  
Unit 22, Kingsland Grange  
Woolston  
Warrington  
WA1 4RW  
England

Service : Crystal Rubber Limited Tel: +44 (0) 1925 825552

Emergency Phone Number : Crystal Rubber Limited Tel: +44 (0) 1925 825552

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization : Solid Silicone Elastomer

#### Ingredients

Name	CAS No.	%
Ground Quartz (SiO <sub>2</sub> )	14808-60-7	<3
Di-(2,4-dichlorobenzoyl)peroxide	133-14-2	#<1

#Peroxide cross linker, this is used up during production process and is not present in finished product.

### 3. HAZARDS IDENTIFICATION

Not hazardous according to Council Directive 88/379/EEC and its subsequent amendments.

### 4. FIRST-AID MEASURES

If inhaled : No first aid should be needed.

On contact with eyes : No first aid should be needed.

On skin contact : No first aid should be needed.

On ingestion : No first aid should be needed.

## 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media** : Carbon dioxide, foam, dry powder or fine water spray.
- Unsuitable extinguishing media** : None known.
- Special protective equipment/procedures** : A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.
- Hazards during fire fighting** : None known.
- Hazardous combustion products** : Silica. Carbon oxides and traces of incompletely burned carbon compounds. When burnt, product may emit formaldehyde vapours. Gases given off when burnt do not contain more than 0.05% chlorine.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear proper protective equipment.
- Precautions to protect the environment** : Do not allow large quantities to enter drains or surface waters.
- Methods for cleaning up** : Collect and place in appropriate container.

## 7. HANDLING AND STORAGE

- Advice on storage** : Store at ambient temperature and atmospheric pressure in a dry environment. The product should be kept out of direct sunlight (preferably in the dark). The product should be retained in its original packaging.
- Unsuitable packaging materials** : None known.

## 8. ENGINEERING CONTROLS / PERSONAL PROTECTION

- Exposure controls** : Refer to Section 7.
- Personal protection equipment**
- Respiratory protection** : Respiratory protection is not normally required.
- Hand protection** : Gloves are not normally required
- Skin protection** : Protective equipment is not normally necessary
- Eye protection** : Safety Glasses should be worn
- Hygiene measures** : Exercise good industrial practice. Wash after handling, especially before eating, drinking or smoking
- Additional information** : None known

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

<b>Form</b>	: Solid Sheet.
<b>Colour</b>	: See product name.
<b>Physical State</b>	: Fully cross-linked solid rubber.
<b>Density</b>	: Approx. 1200 kg/m <sup>3</sup>
<b>Explosive properties</b>	: None.

The above information is not intended for use in preparing product specifications. Contact Silex Ltd before writing specifications.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	: Stable under normal usage conditions
<b>Conditions to avoid</b>	: Prolonged contact with organic fluids
<b>Hazardous decomposition products</b>	: See section 11

## 11. TOXICOLOGICAL INFORMATION

<b>On contact with eyes<sup>3</sup></b>	: No hazard known.
<b>On skin contact<sup>3</sup></b>	: No hazard known.
<b>If inhaled<sup>3</sup></b>	: No hazard known.
<b>On ingestion<sup>3</sup></b>	: Small amounts should not injure. Swallowing large amounts may cause digestive discomfort.
<b>Other Health Hazard Information<sup>3</sup></b>	: Product may emit formaldehyde vapours at temperatures above 150C in presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentrations less than one part per million (1 ppm).

<sup>1</sup>Based on product test data

<sup>2</sup>Based on assessments from related products

<sup>3</sup>This information is based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

## 12. ECOLOGICAL INFORMATION

### Environmental fate and distribution

Sponge material, insoluble in water. No adverse effects are predicted.

**Ecotoxicity effects**

No adverse effects on aquatic organisms are predicted.

**Bioaccumulation** : No bioaccumulation potential.

**Fate and effects in waste water treatment plants**

No adverse effects on bacteria are predicted.

**13. DISPOSAL CONSIDERATION**

**Product disposal** : When disposing of silicone rubber products, local authority bylaws should be respected. If incineration is used, the incinerator should be designed to effect complete combustion of the gases and fumes produced.

**Packaging disposal** : Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

**Road / Rail (ADR/RID)**

Not subject to ADR/RID.

**Sea transport (IMDG)**

Not subject to IMDG code.

**Air transport (ICAO)**

Not subject to ICAO regulations.

**15. REGULATORY INFORMATION**

**Labelling according to EEC Directive**

No special labelling is required.

**16. OTHER INFORMATION**

This product safety data sheet was prepared in compliance with Commission Directive 93/112/EC, 67/548/EEC and 88/379/EEC as well as their relevant amendments, on the approximation of laws, regulation and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come into contact with the product. If the recipient subsequently produces an article containing the Crystal Rubber Ltd product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Crystal Rubber Ltd Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 88/379/EEC

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Crystal Rubber Ltd shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.