

MATERIAL SAFETY DATA SHEET

GRSIL-30

Version 1.0
Revision Date 09-11-2012

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND MANUFACTURER

Trade name : **GRSIL-30**

Usage : Silicone mould-making compound

Manufacturer : **Performance Polymers**
No.B-88, 3rd Main, 3rd Cross,
Opp. ESI Sub-Regional Office
DDUTT, Industrial Suburb, 2nd Stage,
Bangalore 560 022 (INDIA)
e-mail: ceo@performancepolymers.in

Telephone : +91—80-23379779
Emergency telephone number : +91—9845689779

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Mixture of polydimethylsiloxane containing hydroxyl groups, polydimethylsiloxane, and mineral filler(s)

Hazardous components

Chemical Name	CAS-No.	Symbol(s)	R-Phrases(s)	Concentration %
QUARTZ	14808-60-7	Xn	R48/20	>= 10,000 - < 20,000

3. HAZARDS IDENTIFICATION

Risk advice to humans and the environment

None known.

4. FIRST AID MEASURES

Skin contact : After contact with skin, remove product mechanically. Wash off with soap and water.

Eye contact : Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.

Ingestion : Rinse mouth. Drink 1 or 2 glasses of water.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing Media : All standard extinguishing agents are suitable.
Specific hazards during fire Fighting : None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment.
Methods for cleaning up : Soak with inert absorbent material (e.g. silica gel, sand, acid binder, sawdust). Shovel into suitable container for disposal.
Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Wear personal protective equipment.

Storage

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Control parameters
QUARTZ	14808-60-7	0,3 mg/m ³ ; Update: 2003; Basis: EH40 MEL; List: Time Weighted Average (TWA):

Engineering measures

Eye wash bottle with pure water

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Personal protective equipment

Hand protection

Advise

: There is no risk to health due to contact with this chemical. Use hand protection to prevent Mechanical injuries.

Eye protection

: Safety glasses with side-shields

Hygiene measures

: Avoid contact with skin, eyes and clothing.
Ensure adequate ventilation, especially in confined areas.
Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and immediately after handling the product.
When using, do not eat or drink

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form

: Pasty Liquid

Colour

: Off-white

Odour

: Odorless

Safety data

Melting point

: No data available

Flash point

: >120 °C

Density

: ca.1,15 g/cm3

Miscibility with water

: Immiscible

10. STABILITY AND REACTIVITY

Thermal decomposition

: Note: No decomposition if stored and applied as directed.

Further information

: No dangerous reaction if used as recommended.

11. TOXICOLOGICAL INFORMATION

Human experience

: Experience has shown, that the above mentioned product can Be used without any danger to health, as long as the usual conditions of industrial hygiene are observed

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12. ECOLOGICAL INFORMATION

Additional ecological
Information : Ecotoxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS

Product : According to local regulations, can be taken to an appropriate incinerator equipped with exhaust gas cleaning.

Contaminated packaging : Dispose off as unused product.

14. TRANSPORT INFORMATION

Further Information : Not dangerous for transport
Keep away from foodstuffs and animal feed.

15. REGULATORY INFORMATION

Labeling according to EC Directives

Further information : In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

16. OTHER INFORMATION

R-phrases, which are listed in sections 2, 3 and 15

R-phrases, which are listed in sections 2, 3 and 15:

R48/20 : None known.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Further information

The information provided in this Material Safety Data Sheet (MSDS) is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text
