

MATERIAL SAFETY DATA SHEET

Gel Products: Cushioning -Comfort-Contoured- Inert

MSDS NO.: 110472 Dated 1st February , 2012 Updated: Feb, 2024

1. PRODUCTS AND COMPANY IDENTIFICATION

PRODUCT/S NAME:	Gel Products-For Cushioning Purpose naming Gel Insoles, Gel Heel Cups, Gel Heel Pads, Gel Arch Supports, Gel Mats, Gel Cushion, Gel Sheets, Gel Slabs, Gel Positioning Devices, Gel Shoe Inserts
COMPANY NAME:	Gel Craft Healthcare (P) Limited 49/41 Golden Protein Complex Sahibabad Industrial Area Site -4 Ghaziabad Uttar Pradesh 201010, India
PHONE NUMBER:	Mobile/ Whatsapp: +91-9810717192
EMAIL:	Email - gelcrafthealthcare@gmail.com Website: www.otcare.co.in

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	Thermo plastic elastomer
Chemical Family:	Block Copolymer
Product Description:	Soft Elastomer; natural color; little to no odor; solid form

The composition of this mixture may be proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

EMERGENCY TELEPHONE NUMBERS: **+ 91 9810717192

3. CATEGORY

An organogel is a thermoreversible (thermoplastic) solid material composed of a liquid organic phase entrapped in a three-dimensionally cross-linked network. The liquid can be, for example, an organic mineral oil, or vegetable oil. The solubility and particle dimensions of the structurant are important characteristics for the elastic properties and firmness of the organogel. Often, these systems are based on self-assembly of the structurant molecules.

4. HAZARDS IDENTIFICATION

Human Health Hazards: Molten product adheres to the skin and causes burns.

Environmental Hazards: No specific Hazards.

Other Hazards: Not classified as dangerous for supply or conveyance.

Special Notes: These materials are rubber compounds, which are essentially non-toxic. Material is not irritating.

5. FIRST AID MEASURES

Eye Contact: Not ordinarily required. Product is not expected to cause irritation to eye.

Skin Contact: If contact with molten, immediately flush the affected area with large amounts of cold water to dissipate heat and treat as for ordinary burns. Product is non-irritating to skin

Inhalation: Not ordinarily required. Product is not expected to cause irritation to the nose, throat or respiratory tract

Ingestion: Not ordinarily required. Product is generally considered to have a low order of acute oral toxicity.

6. FIRE-FIGHTING MEASURES

Flash Point:	180 Degree C
Extinguishing Media:	CO2, Foam or Dry Chemical
Fire Fighting Procedures:	Use proper protective gear w/Breathing apparatus for confined areas.

Product can accumulate electrostatic charges when rubbed, chafed, or abraded. Static discharge in the presence of volatile or flammable mixtures presents a potential fire or explosion hazard. Under fire conditions, polymers decompose. Fire is accompanied by the evolution of a dense smoke with an acrid odor. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic and/or irritating compounds.

7. ACCIDENTAL RELEASE MEASURES

Land Spill:	None
Water Spill:	None

8. STORAGE AND HANDLING

Store in a cool, well-ventilated place away from incompatible materials. Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight.

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	None
Ventilation:	None
Protective Gloves:	None
Eye Protection:	None

10. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity:	< 1
Density & hardness:	Diverse as per customer's requirement
Thickness & worth colour	Diverse as per customer's requirement
Weight	Transparent/ opaque/ as per customer's requirement
Self ignition	.56 gms per mm per sq inch
Melting Point	Product is not self igniting
Danger of explosion	70 Degree C
Boiling Point	Product does not present explosion hazard
	Not Applicable

11. STABILITY AND REACTIVITY

Stability:	Stable
Conditions To Avoid Instability:	Do Not Store Above 50 Degree C
Hazardous Polymerization	Will Not Occur
Materials And Conditions to Avoid Incompatibility:	Avoid Contact With Strong Oxidizing Agents

12. TOXICOLOGICAL INFORMATION

Skin Irritation: Not Irritating

Eye Irritation: Not irritating

Additional toxicological information

Micro cellular gel contains polymer that has been known to cause reaction in some individual in this case avoid direct contact with skin and seek medical services.

13. ECOLOGICAL INFORMATION

All evidences indicates that large polymer molecules are not biologically active.

14. DISPOSAL CONSIDERATIONS

Waste Disposal: All recovered material should be disposed of or reclaimed in conformance with applicable laws and regulations of local, state, federal, international or country specific regulations. They may vary, and they may be more stringent but they must be strictly enforced and complied.

15. TRANSPORT INFORMATION

Department of transportation classification: Not hazardous as dot regulation

UN Classification Number: Non Regulated commodity

16. REGULATORY INFORMATION

The local, state, federal, international or country specific regulations may apply to this material.

17. OTHER INFORMATION

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness.

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