
Section 1- Product and Company Identification
Gelyflex

Date of MSDS: March 24, 2011

Product Identification: Gelyflex

Product Class/Use: Dental Duplicating Material

Company Name: PERFLEX Ltd.

7 Giborey Israel St. Industrial Area Poleg
Netanya 4250407, P.O.B 8123, Israel

General Information Telephone: Emergency Telephone: Not required by regulations.

Section 2- Hazards identification
Gelyflex

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

No known cancer hazards.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Repeated and excessive ingestion may cause central nervous system damage.

Section 3- Composition/ Information on ingredients
Gelyflex

COMPONENT LISTING:

Chemical Name Amount CAS Number

PROPYLENE GLYCOL 45.0 - 50.0 % 57-55-6

SILICA < 5.0 % 61790-53-2

This product contains no known hazardous materials as defined by the OSHA

Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

Section 4- First Aid Measures
Gelyflex

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes.

SKIN CONTACT FIRST AID:

Flush skin with water.

INHALATION FIRST AID:

No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

INGESTION FIRST AID:

If swallowed, immediately give 2 glasses of water. Induce vomiting.

Section 5- Fire Fighting Measures
Gelyflex

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: %

UEL: %

EXTINGUISHING MEDIA:

Non-flammable. Use appropriate extinguishing media for the surrounding fire.

FIRE FIGHTING INSTRUCTIONS:

Wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6- Accidental Release Measures
Gelyflex

LARGE SPILLS PROCEDURE:

If molten, allow to cool. Scrape up and discard. Use soap and water to clean up residue.

SMALL SPILLS PROCEDURE:

Same as large spill.

Section 7- Handling and Storage
Gelyflex

STORAGE PRECAUTIONS:

Store in a tightly closed container.

Section 8- Exposure Controls & Personal Protection
Gelyflex

EYE / FACE PROTECTION REQUIREMENTS:

Not required.

SKIN PROTECTION REQUIREMENTS:

Wear resistant gloves.

RESPIRATORY PROTECTION REQUIREMENTS:

Good general ventilation should be sufficient.

MISCELLANEOUS:

general or local ventilation system is recommended.

EXPOSURE GUIDELINES:

PROPYLENE GLYCOL

OSHA TWA: 10 mg/m³

SILICA

OSHA TWA: 10 mg/m³

Section 9- Physical & chemical Properties
Gelyflex

FORM : Gel
COLOR :Pink
ODOR : No odor
BOILING POINT :220 F
VAPOR PRESSURE : .08 mm Hg
VAPOR DENSITY : 2.62 (Air = 1)
SOLUBILITY IN WATER : Insoluble
PH : 7.0

Section 10- Stability & Reactivity Data
Gelyflex

STABILITY:

Stable.

POLYMERIZATION:

Product will not undergo polymerization

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

Decomposition will not occur.

CONDITIONS TO AVOID:

Propion aldehyde, carbon monoxide in the presence of limited oxygen.

Section 11- Toxicological Information
Gelyflex

Toxicological Information: N/A

Section 12- Ecological Information
Gelyflex

Ecological Information: N/A

Section 13- Disposal Consideration
Gelyflex

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

Section 14- Transport Information
Gelyflex

PRODUCT LABEL : GELIFLEX
D.O.T. SHIPPING NAME : Non-toxic, Non-hazardous
TECHNICAL SHIPPING NAME :N/A
D.O.T. HAZARD CLASS :Non-Hazardous
UN NUMBER : N/A

Section 15- Regulatory Information
Gelyflex

EEC Symbols and Indications of Danger:

Not Determined

WHMIS Hazard Symbols: None

Canadian Disclosure List

PROPYLENE GLYCOL (57-55-6)

NOTICE

All information, recommendations and suggestions appearing herein concerning the product are based upon data obtained from the manufacturer and/ or recognized technical sources; however, PERFLEX LTD makes no warranty, representation or guarantee as to the accuracy, sufficiency, or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his/her own use, handling and disposal of the product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by PREFLEX LTD. As to the effects of such use, PERFLEX LTD does not assume any liability arising out of use by others of the products referred to herein. The data in this Material Safety Data Sheet relate only to the specific material designated herein and does not relate to use in combination with any other material.
