

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Name

Product form: Substance

Product Name: GP-7100

Product Code: C-0762

CAS-No.: 109037-71-0

1.2. Recommended Uses of the Product and Restrictions on Use

Recommended Use: Release Agent. Paintable Amine Functional Silicone Fluid.

Restrictions On Use: No restrictions on use are specified

1.3. Supplier Information

Company

Genesee Polymers Corporation

G-4133 S. Dort Hwy.

Burton, MI 48529

(810) 715-5018

customerservice@gpcsilicones.com

1.4. Emergency Telephone Number

Emergency Number : ChemTel LLC
(800)255-3924 (North America)
+1 (813)248-0585 (International)

SECTION 2: HAZARD IDENTIFICATION

2.1. Hazard Classification

GHS Classification (KR) Not classified

2.2. Label Elements

 No labelling applicable

2.2. Other Hazards

Other Hazards Which Do Not Result In Classification : Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixture/Substance

Distinction of Substance or Mixture : Substance

Chemical Name	Common Name and Synonyms	Cas Number	Content %**
Siloxanes and Silicones, 3-aminopropyl methyl, lauryl methyl, methyl 2-phenylpropyl		CAS-No.: 109037-71-0	100

**Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%)

SECTION 4: FIRST AID MEASURES

4.1. Description Of First-Aid Measures

First-Aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-Aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Give oxygen or artificial respiration if necessary. Obtain medical attention if breathing difficulty persists.

First-Aid Measures After Skin Contact: Wash with plenty of soap and water. Obtain medical attention if irritation develops or persists.

First-Aid Measures After Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

First-Aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

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Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Other Medical Advice Or Treatment: If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Suitable (And Unsuitable) Extinguishing Media

Suitable Extinguishing Media Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Specific Hazards Arising From the Chemical

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Special Protective Equipment and Precautions for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Thermal decomposition generates: Smoke. Oxides of silicon and carbon.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Specific Fire Fighting: No specific data.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions and Protective Equipment

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapour, mist, spray).

6.1.1 For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2 For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2. Environmental Precautions

Environmental Precautions: Prevent entry to sewers and public waters. Avoid unnecessary release into environment.

6.3. Methods for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Transfer spilled material to a suitable container for disposal. Contact competent authorities after a large spill.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Technical Measures: Comply with applicable regulations.

Local And General Ventilation: Ensure adequate air ventilation.

Precautions For Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapours, mist, spray.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Incompatible Substances Or Mixtures: Refer to section 10

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure Limits/Biological Limits

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), China, and Korea

8.2. Exposure Controls

Appropriate Engineering Controls : Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment : Gloves. Protective clothing. Protective goggles. Face shield.



Respiratory Protection : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Hand Protection : Wear protective gloves.

Eye And Face Protection : Chemical safety goggles and face shield.

Skin And Body Protection : Wear suitable protective clothing.

Hygiene Measures : Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance	: Clear to light straw liquid
Physical State	: Liquid
Molecular Mass	: No data available
Odour	: No data available.
Odor Threshold	: No data available
pH	: No data available
Melting Point	: No data available
Initial Boiling Point and Boiling Range	: No data available
Flash Point	: > 93 °C (199.4 °F)
Autoignition Temperature	: No data available
Vapour Pressure	: No data available
Relative Vapour Density At 20 °C	: No data available
Specific Gravity	: 1 g/ml
Solubility	: Insoluble in Water; Soluble in Aliphatic Hydrocarbons and Chlorinated Solvents
N-Octanol/Water Distribution Coefficient	: No data available
Decomposition Temperature	: No data available
Viscosity	: 1200 cP (Dynamic Viscosity)
Explosive Limits (g/m³)	: No data available
Explosive Limits (vol %)	: No data available
Density	: 1 g/ml

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity : Hazardous reactions will not occur under normal conditions.

10.2 Chemical Stability : Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility Of Hazardous Reactions : Hazardous polymerization will not occur.

10.4 Conditions To Avoid : Direct sunlight, extremely high or low temperatures, and incompatible materials.

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- 10.5 Incompatible Materials** : Strong acids, strong bases, strong oxidizers.
10.6 Hazardous Decomposition : Thermal decomposition may produce: Oxides of silicon and carbon. Smoke.
Products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

- Likely Routes Of Exposure** : Skin and eyes contact. Inhalation.
Acute Toxicity : Not classified. Based on available data, the classification criteria are not met.
Eye Damage/Irritation : Not classified. Based on available data, the classification criteria are not met.
Skin Corrosion/Irritation : Not classified. Based on available data, the classification criteria are not met.
Respiratory Sensitizer : Not classified. Based on available data, the classification criteria are not met.
Skin Sensitization : Not classified. Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity : Not classified. Based on available data, the classification criteria are not met.
Carcinogenicity : Not classified. Based on available data, the classification criteria are not met.
Reproductive Toxicity : Not classified. Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity (Single Exposure) : Not classified. Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity (Repeated Exposure) : Not classified. Based on available data, the classification criteria are not met.
Aspiration Hazard : Not classified. Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Ecotoxicity

- Aquatic Acute Toxicity** : Not classified. Based on available data, the classification criteria are not met.
Aquatic Chronic Toxicity : Not classified. Based on available data, the classification criteria are not met.
Other Information : Avoid release to the environment.

12.2. Persistence and Degradability

Gp-7100 (109037-71-0)	
Persistence And Degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

Bioaccumulative potential.

12.4. Mobility in Soil

Gp-7100 (109037-71-0)	
Ecology - Soil	Not established.

12.5. Other Adverse Effects

- Hazardous To The Ozone Layer** : Not classified. Based on available data, the classification criteria are not met.
Other Adverse Effects : None known.
Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Disposal Methods, Precautions

- Regional Legislation (Waste):** Disposal must be done according to official regulations.
Waste Treatment Methods: Non hazardous waste – landfill or incinerate. Can be landfilled, when in compliance with local regulations. Incineration is the preferred method for disposal of waste product.
Sewage Disposal Recommendations: Do not dispose of waste into sewer.
Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
Additional Information: Empty containers may be recycled after cleaning.
Ecology - Waste Materials: Avoid release to the environment.

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SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1 In Accordance with UNRTDG Not regulated for transport

14.2 In Accordance with IATA Not regulated for transport

14.3 In Accordance with IMDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. Occupational Safety and Health Act

Hazardous Substances Prohibited for Manufacturing	: Not applicable
Hazardous Substances Requiring Permission	: Not applicable
Threshold Limit Values Chemicals	: Not applicable
Hazardous Substances Below Permissible Level	: Not applicable
Hazardous Substances Subject to Working Environment Measurement	: Not applicable
Hazardous Substances Subject to Workers Requiring Health Examination	: Not applicable
Hazardous Substances Subject to Control	: Not applicable

15.2. Chemicals Control Act

Toxic Chemicals	: Not applicable
Prohibited Chemicals	: Not applicable
Restricted Chemicals	: Not applicable
Substance requiring preparation for accidents	: Not applicable

15.3. ACT ON REGISTRATION, EVALUATION, ETC. OF CHEMICALS (K-REACH)

Korea Existing Chemicals Inventory (KECI)	: Not applicable
Priority Existing Chemical ('PEC') – subject to registration:	: Not applicable
Priority Control Substances (Korea)	: Not applicable
CMR Substances (Korea)	: Not applicable

15.4. Safety Control of Dangerous Substances Act

Safety Control of Dangerous Substances Act	: Not applicable
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15.5. Wastes Control Act

Wastes Control Act	: Not applicable
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15.6. Other Domestic and International Regulatory Information

Domestic Regulations

Persistent Organic Pollutants(POPs) Control Act	: Not applicable
Ozone Depleting Substances(ODS)	: Not applicable

International Inventories/Lists

Siloxanes And Silicones, 3-Aminopropyl Methyl, Lauryl Methyl, Methyl 2-Phenylpropyl (109037-71-0)
Regulatory Reference
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on the Canadian NDSL (Non-Domestic Substances List)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)

International Agreements

No data available.

SECTION 16: OTHER INFORMATION

Revision Number	: 1.0
Date of Issue	: 2021/07/07
Information Sources and References	: Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.

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Other Information

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Korea GHS SDS