Safety Data Sheet

gpcsilicones.com

GENESEE POLYMERS CORPORATION

Version: 3

Revision Date: March 2, 2019

Printing Date: March 2, 2019

1 – PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

PRODUCT NAME: **GP-7102**
PRODUCT NUMBER: C-0580-BULK
DESCRIPTION: SILICONE WAX
CAS NUMBER: 110475-03-1
EC NUMBER: 601-374-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

USE OF SUBSTANCE: Industrial / Mold Release Agent

1.3 Company Identifiers

MANUFACTURER:
Genesee Polymers Corporation
G-4099 S. Dort Hwy.
Burton, MI 48529
Tel (810) 715-5018 Fax (810) 742-8581
Email: cpiskoti@gpcsilicones.com

1.4 Emergency Contact Information

24 HR. EMERGENCY PHONES: CHEM*TEL (800) 255-3924 (Domestic) / (813) 248-0585 (International)
Contract Number: MIS0002539

2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
The product is not classified as hazardous according to the Globally Harmonized System (GHS)
The product is not classified as hazardous according to OSHA GHS regulations within the United States.
The substance is not classified as hazardous according to the CLP regulation.
Classification according to Directive 67/548/EEC or Directive 1999/45/EC
Not Applicable
Information concerning particular hazards for human and environment:
Not Applicable
Additional Information:
There are no other hazards not otherwise classified that have been identified.

2.2 GHS Label elements, including precautionary statements

Labelling according to Regulation (EC) No 1272/2008
The product does not have a classification according to the General GHS regulations.
This product does not have a classification according to the CLP regulation.

PICTOGRAMS:

SIGNAL WORD: Not Regulated.

HAZARD DETERMINING COMPONENTS OF LABELLING:
None.

HAZARD STATEMENTS
Not Regulated.

PRECAUTIONARY STATEMENTS
Not Regulated.

HAZARD DESCRIPTION:
WHMIS-SYMBOLS:
Not hazardous under WHMIS.

NFPA-ratings (scale 0 – 4)

Health	0
Flammability	1
Reactivity	0

HMIS-ratings (scale 0 – 4)

Health	0
Flammability	1
Reactivity	0
Personal Protection	D

HMIS LONG TERM HEALTH SUBSTANCES
Substance is not listed.
2.3 Hazards not otherwise classified (HNOC) or not covered by GHS
Results of PBT and vPvB assessment:
PBT: Not applicable
vPvB: Not applicable

3 – HAZARDS IDENTIFICATION

3.1 Substances
Description: Siloxanes and Silicones, 3-aminopropyl Me, di-Me, Me 3-{(1-oxooctadecyl)amino]propyl
CAS-No.: 110475-03-1
EC-No.: 601-374-3

Hazardous components:

COMPONENT	CLASSIFICATION	CONCENTRATION
None	N/A	N/A

4 – FIRST-AID MEASURES

4.1 Description of first aid measures
GENERAL INFORMATION: No special measures required.
BREATHING (INHALATION): Supply fresh air; consult doctor in case of complaints.
SKIN (DERMAL): Wash with soap and water.
If skin irritation is experienced, consult a doctor.
EYES: Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Protect unharmed eye.
SWALLOWING (INGESTION): Rinse out mouth and then drink plenty of water.
4.2 Most important symptoms and effects, both acute and delayed
May cause gastro-intestinal irritation if ingested.
Nausea in case of ingestion.
HAZARDS: No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 – FIRE-FIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing agents:
Foam.
Alcohol resistant foam.
Fire-extinguishing powder.
Carbon dioxide.
Gaseous extinguishing agents.
Water haze or fog.
For safety reasons unsuitable extinguishing agents: Water with full jet.
5.2 Special hazards arising from the substance or mixture:
Formation of toxic gases is possible during heating or in case of fire.
5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
Additional information
Eliminate all ignition sources if safe to do so.
Cool endangered receptacles with water fog or haze.

6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.
For large spills, wear protective clothing.
6.2 Environmental precautions:
Do not allow to enter sewers/surface or ground water.
6.3 Methods and material for containment and clean up

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders.)
Dispose contaminated material as waste according to item 13.
Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment
See Section 13 for disposal information.

7 – HANDLING and STORAGE

7.1 Precautions for safe handling

Use only in well ventilated areas.

Information about fire – and explosion protection:

Keep ignition sources away - Do not smoke.
Protect from heat.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Avoid storage near extreme heat, ignition sources or open flame.
Store in a cool, dry place.

Information about storage in one common storage facility:

Store away from foodstuffs.
Do not store together with alkalis (caustic solutions).
Store away from oxidizing agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles
Store at temperatures not exceeding 27 C/ 80 F

7.3 Specific end use(s)

No further relevant information available.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Ingredient	CAS number	Data type	Value
None	N/A	N/A	N/A

DNELs No further relevant information available.
PNECs No further relevant information available.

Ingredients with biological limit value

Ingredient	CAS number	Data type	Value
None	N/A	N/A	N/A

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Respiratory protection:
For large spills, respiratory protection may be advisable.
Not required under normal conditions of use.
Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:

Safety glasses

Body protection:
Protection may be required for spills.
Not required under normal conditions of use.
Limitation and supervision of exposure into the environment
Avoid release to the environment.
Risk management measures
No special requirements.
See section 7 for additional information.

9 – PHYSICAL / CHEMICAL PROPERITES

9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form:	Liquid.
Colour:	Clear to straw color.
Odour:	Amine-like
Odour threshold:	Not determined.
pH value:	8
Change in condition:	
Melting point/Melting range:	100-110 °F/ 39-43 C.
Boiling point/Boiling range:	Undetermined.
Flash point:	>149°C (>300°F) (PMCC)
Flammability (solid, gaseous):	Product is not flamnmable.
Auto/Self-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not applicable.

Density at 25 °C:	0.96 g/cm^3 (8.011 lbs/gal)
Relative density:	Not determined.
Vapour density at 20 °C	Not applicable.
Evaporation rate:	Not applicable.
Solubility in / Miscibility with Water:	Insoluble.
Partition coefficient (n-octanol/water)	Not determined.
Viscosity:	
Dynamic:	Not applicable
Kinematic:	Not applicable.
9.2 Other information	No further relevant information available.

10 – STABILITY and REACTIVITY

10.1 Reactivity
10.2 Chemical stability
Thermal decomposition / conditions to be avoided
Keep away from heat/sparks/open flames/hot surfaces - No smoking.
10.3 Possiblility of hazardous reactions
Reacts with alkali (lyes).
Reacts with oxidizing agents.
Toxic fumes may be released if heated above the decomposition point.
Reacts with acids.
10.4 Conditions to avoid
Avoid acids.
Store away from oxidizing agents.
10.5 Incompatible materials:
Oxidizers, strong bases, strong acids
10.6 Hazardous decomposition products:
Carbon monoxide and carbon dioxide.
Ammonia
Nitrogen oxides (NOx)
Silicon Oxides (SiOx)

11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity (LD/LC50 values):

Ingredient	CAS Number	Data Type	Value
None	N/A	N/A	N/A

Primary irritant effect:
On the skin: Not classified as a primary skin irritant or corrosive.
On the eye: Not classified as a primary irritant.
Sensitisation: No sensitising effects known.
Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.

12 – ECOLOGICAL INFORMATION

12.1 Toxicity
Aquatic toxicity: No further relevant information available.
12.2 Persistence and degradability No further relevant information available.
12.3 Bioaccumulative potential No further relevant information available.
12.4 Mobility in soil No further relevant information available.
Additional ecological information:
General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Rinse off of bigger amounts into drains or the aquatic enviroment may lead to increased pH-values. A high pH-value harms aquatic organisms. If the dilution of the use-level pH-value is considerably reduced, the aqueous waste, emptied into drains, is only low water-dangerous.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Other adverse effects No further relevant information available.

13 –DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

14 – TRANSPORTATION INFORMATION

14.1 Transport hazard information
DOT

UN Number:	Not Regulated
Proper shipping name:	Not Regulated
Hazard class:	Not Regulated
Packing group:	Not Regulated

ADR

UN Number:	Not Regulated
Proper shipping name:	Not Regulated
Hazard class:	Not Regulated
Packing group:	Not Regulated

IMDG

UN Number:	Not Regulated

Proper shipping name: Not Regulated
Hazard class: Not Regulated
abel:
Packing group: Not Regulated

IATA
UN Number: Not Regulated
Proper shipping name: Not Regulated
Hazard class: Not Regulated
Packing group: Not Regulated

14.2 Environmental hazards:
Marine pollutant: No
14.3 Special precautions for user: Not applicable.
Transport in bulk according to AnnexII of MARPOL73/78 and the IBC Code: Not applicable
UN "Model Regulation": -

15 - REGULATIONS

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
United States (USA)
SARA
Section 355 (extremely hazardous substances):
Substance is not listed.
Section 313 (Specific toxic chemical listings):
Substance is not listed.
TSCA (Toxic Substances Control Act):
Substance is listed
Proposition 65 (California)
Chemicals known to cause cancer:
Substance is not listed
Chemicals known to cause reproductive toxicity for females:
Substance is not listed.
Chemicals known to cause reproductive toxicity for males:
Substance is not listed.
Chemicals known to cause developmental toxicity:
Substance is not listed.
Carcinogenic Categories
EPA (Environmental Protection Agency)
Substance is not listed.
IARC (International Agency for Research on Cancer):
Substance is not listed.
TLV (Threshold Limit Value established by ACGIH):
Substance is not listed.
NIOSH-Ca (National Institute for Occupational Safety and Health):
Substance is not listed.
Canada
Canadian Domestic Substances list:

Substance is not listed.
Canadian Ingredient Disclosure list (limit 0.1%):
Substance is not listed.
Canadian Ingredient Disclosure list (limit 1%):
Substance is not listed.
Other regulations, limitations and prohibitive regulations
This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
Substances of very high concern (SVHC) according to REACH, Article 57:
Substance is not listed.
15.2 Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

16 – OTHER INFORMATION

We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damages, direct or indirect, as a result of their use.

Abbreviations and acronyms:
ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service (division of the American Chemical society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (Canada)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
EINECS: European Inventory of Existing Commerical Chemical Substances

Sources
SDS Prepared by:
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