MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	**QGel 910B**
Revision date	7-29-11
Version #	00
CAS #	Mixture
Product use	Industrial Silicone Gel
Manufacturer/Supplier	Quantum Silicones 8021 Reycan Road Richmond, VA 23237 philmcdermott@quantumsilicones.com 804-271-9010 Contact Person: Phillip McDermott
Emergency	Chemtrec 800-424-9300

2. Hazards Identification

Physical state	Viscous Liquid
OSHA regulatory status	This product is not considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects	
Routes of exposure	Contact
Eyes	Contact with eyes may cause mild irritation.
Skin	Repeated or prolonged exposure may cause mild irritation.
Inhalation	None.
Ingestion	Low in normal use.
Target organs	Eyes. Skin.
Chronic effects	None.
Signs and symptoms	Mild irritation
Potential environmental	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

3. Composition / Information on Ingredients

Mixture does not contain ingredients that are considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

4. First Aid Measures

First aid procedures	
Eye Contact	Immediately flush with water for up to 10 minutes.
Skin Contact	No first aid needed.

Inhalation	No first aid needed.
Ingestion	No first aid needed.
Notes to physician	Treat symptomatically.
General advice	In case of mild irritation flush affected area with water.

5. Fire Fighting Measure

Flammable properties	None.
Extinguishing media **Suitable extinguishing media**	Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	None.
Protection of firefighters **Specific hazards arising from the chemical**	None.
Protective equipment and precautions for firefighters	Use standard firefighting procedures and consider the hazards of other involved materials.
Firefighting equipment/instructions	Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Containers close to fire should be removed or cooled with water.
Hazardous decomposition	High heat conditions only. Nitrogen oxides, metal oxides, formaldehyde, silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds.

6. Accidental Release Measures

Personal Precautions	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate the area. Avoid inhalation of vapors/spray and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.
Environmental precautions	Avoid Discharge into drains, water courses or onto the ground unless authorized by permit.
Methods for containment	Dike the spilled material, where this is possible.
Methods for cleaning up	For waste disposal see section 13 of the MSDS. Remove sources of ignition. Absorb spillage with non-combustible, absorbent material.
Other information	Clean up in accordance with all applicable federal, state and local regulations.

7. Handling and Storage

Handling	Observe good industrial hygiene practices. Avoid skin and eye contact. Wear protective gloves and appropriate clothing to prevent skin contact. Wear approved safety goggles.
Storage	Do not store near heat sources, sources of ignition, oxidizers or incompatible materials. Store in closed original container in a dry place.

8. Exposure Controls/Personal Protection

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require additional precautions.

Occupational exposure There are no components with workplace exposure limits.

Exposure guidelines Follow standard monitoring procedures.

Engineering controls Ensure adequate ventilation.

Personal protective equipment

Eye/Face protection Do not get in eyes. Eye wash fountain is recommended.

Skin protection Wear appropriate chemical resistant clothing. Suitable gloves can be recommended by the glove supplier. Safety shower recommended.

Respiratory protection None required.

General hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance	Not available
Color	Clear
Odor	Odorless
Odor threshold	Not available
Physical state	Liquid
Form	Viscous liquid
pH	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	> 260 C (> 500 F)
Flash point	> 212 F (> 100 C)
Evaporation rate	Not available
Flammability limits in air, upper, % by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	1.03
Solubility (water)	Negligible
Partition coefficient (N-octanol/water)	No data available
Auto-ignition temperature	Not available
Decomposition Temperature	Not available

10. Chemical Stability & Reactivity Information

Chemical stability Stable under normal temperature conditions.

Conditions to avoid None.

Incompatible materials Acids, bases and strong oxidizers may cause the liberation of hydrogen gas.

Hazardous decomposition Carbon monoxide, carbon dioxide, silicone dioxide and formaldehyde.

Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

12. Ecological Information

Environmental effects Not classified as an environmental hazard.

Persistence and degradability No data available.

Bioaccumulation/ Accumulation No data available

Partition coefficient (n-octanol/water) No data available.

Mobility in environmental media Reacts with water.

13. Disposal Considerations

Disposal instructions Material as received is non-hazardous.

Waste from residues/ Unused products Dispose in accordance with applicable federal, state and local regulations.

14. Transport Information

DOT
Not subject to DOT regulations.

IATA
Not regulated as dangerous goods.

IMDG
Not subject to IMDG code.

TDG
Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA/SARA Hazardous Substances - Not applicable.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.40
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard – No

Section 302 extremely Hazardous substance (40 CFR 355, Appendix A)	No
Section 311/312 (40 CFR 370)	No

Drug Enforcement Administration (DEA) (21 CFR 1308.11-150 Not controlled.

Canadian regulations The MSDS contains all the information required by the CPR.

WHMIS status Not controlled

Mexico regulations This safety data sheet was prepared in accordance with the official Mexican Standard (NOM-018-STPS-2000).

16. Other Information

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 0
Flammability: 1
Physical hazard: 0

NFPA ratings
Health: 0
Flammability: 1
Instability: 0

Disclaimer These data are offered in good faith as typical values and not as product specifications. NO warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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