

**Material Safety Data Sheet****Adhesive Gel**

Date of Preparation: 5/20/2013

**Section 1 - Product and Company Identification**

**Manufacturer:** Alvisa Corporation, Los Angeles, CA 90042  
**Supplier:** Ready America, Inc. 1150 Simpson Way, Escondido, CA 92029  
 Tel: 760-466-1060; Fax: 760-466-1057

**Product Name:** Adhesive Gel - Trade Names: Museum Gel, QuakeHOLD! Gel, Rock 'n Roll Gel, Gem Gel**Section 2 - Composition/Ingredients**

Chemical name	CAS no	Proportions
dimethyl polysiloxane	63148-62-9	100%

**Section 3 - Hazards Identification**

☆☆☆☆☆	<b>Emergency Overview</b>	☆☆☆☆☆
-------	---------------------------	-------

**HMIS**

<b>H</b>	1
<b>F</b>	1
<b>R</b>	0

**PPE†**

†Sec. 8

**Potential Health Effects****Primary Entry Routes:** Ingestion.**Acute Effects****Inhalation:** None**Eye:** Direct contact may cause slight irritation with redness and swelling.**Skin:** Repeated or prolonged contact with the skin may cause slight irritation.**Ingestion:** No information is available.**Carcinogenicity:** IARC, NTP, and OSHA do not list Adhesive Gel as a carcinogen.**Comments:** This product contains crystalline silica, which is considered a hazard by inhalation with dust. Crystalline silica is also classified as an agent, which is a probable carcinogen to humans. But this product does not fall under the dust inhalation hazard or the carcinogen classification since it does not generate dust under normal handling conditions.**Section 4 - First Aid Measures****Inhalation:** Remove to fresh air.**Eye Contact:** Immediately flush with water for 15 minutes. If irritation persists, get medical attention.**Skin Contact:** Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop.**Ingestion:** Wash out mouth with water provided the person is conscious. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention.*After first aid, get appropriate in-plant, paramedic, or community medical support.***Special Precautions/Procedures:** None.**Section 5 - Fire-Fighting Measures****Flash Point:** Not Known**Flash Point Method:** N/A**Burning Rate:** Not Determined**Autoignition Temperature:** Not Determined**LEL:** Not Measured**UEL:** Not Measured**Flammability Classification:****Extinguishing Media:** Carbon Dioxide (CO2). Dry chemical. Foam. Fine water spray.**Unusual Fire or Explosion Hazards:** None.**Hazardous Combustion Products:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde.**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

**Section 6 - Accidental Release Measures****Spill /Leak Procedures:**

**Containment/Cleanup:** Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Shut off all ignition sources. Scrape up and contain for salvage or disposal. Observe all personal protection equipment recommendations described in Sections 5 and 8. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

**Section 7 - Handling and Storage**

**Handling Precautions:** Observe all personal protection equipment recommendations described in Sections 5 and 8.

**Storage Requirements:** Keep container in a cool place. Store container closed and upright. Keep away from heat, sparks, and flames.

**Regulatory Requirements:** The container will be non-hazardous when emptied.

**Section 8 - Exposure Controls / Personal Protection****Engineering Controls:**

**Ventilation:** Local and mechanical ventilation are not required.

**Administrative Controls:**

**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

**Protective Clothing/Equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**Section 9 - Physical and Chemical Properties**

**Physical State:** SOLID

**Appearance and Odor:** Neutral

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Density:**

**Specific Gravity (H<sub>2</sub>O=1, at 25 °C):** 1.11

**Water Solubility:** N/A

**Boiling Point:** N/A

**Freezing/Melting Point:** N/A

**Refractive Index:**

**Surface Tension:**

**Evaporation Rate:** N/A

**Section 10 - Stability and Reactivity**

**Stability:** Adhesive Gel is stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization cannot occur.

**Chemical Incompatibilities:** Acidic, basic or oxidizing materials.

**Conditions to Avoid:** Contact with acidic, basic or oxidizing materials.

**Hazardous Decomposition Products:**

**This product can generate formaldehyde at temperatures of 150C (300F) and above in the presence of air. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. Use adequate ventilation or wear protective equipment such as gloves, goggles, or protective clothing when this product is heated at approximately 150C (300F) and above in the presence of air.**

**Section 11- Toxicological Information****Toxicity Data:\***

**Eye Effects:** Resulted in adverse effects on the conjunctivae. The irritation of the conjunction was reversible within 72 hours. [Epoxy group-containing organopolysiloxane].

**Skin Effects:** The observed skin irritation consisted of very slight to well defined erythema and very slight oedema [Epoxy group-containing organopolysiloxane].

**Acute Inhalation Effects:**

Rat, inhalation, LC50: Not applicable

**Acute Oral Effects:**

**Subacute Toxicity:** .

**Chronic Effects:**

**Carcinogenicity:** None known.

**Mutagenicity:****Reproductive Effect:****Teratogenicity:**

**Section 12 - Ecological Information**

**Ecotoxicity:** No information available.  
**Environmental Fate:** No information available.  
**Environmental Degradation:** Not Applicable  
**Bioaccumulation:**  
**Biodegradation:** Not Applicable

**Section 13 - Disposal Considerations**

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.  
**Disposal Regulatory Requirements:** Adhesive Gel is classified as Non-Hazardous per DOT and EPA. See sections 14 and 15 for further information.  
**Container Cleaning and Disposal:** The container will be Non-hazardous when emptied.

**Section 14 - Transport Information****DOT Transportation Data (49 CFR 172.101):**

**Shipping Name:** Non-Hazardous  
**Shipping Symbols:** None  
**Hazard Class:** None  
**ID No.:** None  
**Packing Group:** None  
**Label:** Non-Hazardous  
**Special Provisions (172.102):** None

**Section 15 - Regulatory Information**

**EPA Regulations:**  
 RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)  
 RCRA Hazardous Waste Classification (40 CFR 261.21): None  
 CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112  
 CERCLA Reportable Quantity (RQ): Not Applicable  
 SARA 311/312 Codes: None  
 SARA Toxic Chemical (40 CFR 372.65): None  
 SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

**OSHA Regulations:**  
 Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): None

**State Regulations:** California Proposition 65: This regulation requires a warning for California Proposition 65 Chemicals under the statute. The California Proposition 65 Chemical(s) contained in this product are: None

**Restriction of Hazardous Substances (RoHS):** Compliant as of date of preparation.  
**SVHC REACH:** Contains no SVHC chemicals as of date of preparation.  
**TSCA:** Listed

**Section 16 - Other Information**

**Prepared By:** Alvisa Corporation

**Disclaimer:** This information is offered in good faith as typical values and not as a product specification. No warranty, 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.