

SECTION I - PRODUCT IDENTIFICATION

Trade Name: **SI-PAD Grey QL**
Product Class: Silicone Rubber
Supplier: **Airtech International, Inc.**
5700 Skylab Road
Huntington Beach, CA 92647
Telephone: 714-899-8100
Fax: 714-899-8179

Emergency Telephone: **800-424-9300**

HMS RATING: Health: 0 Fire: 1 Reactivity: 0
CAS# (All components are TSCA listed) NA

SECTION II – COMPOSITION/ INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Fumed Silica (Encapsulated)	68583-49-3	10-50	<u>80mg/m³</u> % SiO ₂	2 mg/m ³ (respirable)
Diatomaceous Earth (Encapsulated)	61790-53-2	<10	<u>80mg/m³</u> % SiO ₂	2 mg/m ³ (respirable)
Cristobalite (Encapsulated)	14464-46-1	<2	<u>5mg/m³</u> % SiO ₂ +2 (respirable)	0.05 mg/m ³ (respirable)
Fiberglass (Continuous Filament)	65997-17-3	10-20	5mg/m ³ (As Resp. Nuisance Dust)	5 mg/ m ³

SECTION III – HAZARDOUS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Materials listed in Section 2 are encapsulated or compounded making release unlikely. Cutting and other finishing operations may create dust. Ventilation and personal protective equipment should be similar to operations generating nuisance dust.

INHALATION: Dusts may cause respiratory irritation.

EYE CONTACT: Dusts may cause irritation.

SKIN CONTACT: Dusts may cause irritation.

INGESTION: None Known.

CHRONIC: None Known.

SECTION IV – FIRST AID MEASURES

INHALATION: Remove to fresh air. Seek medical attention if condition merits.

EYE CONTACT: Flush eyes and eyelids thoroughly with water and seek medical attention if irritation persists.

SKIN CONTACT: Wash contacted areas thoroughly with soap and water.

INGESTION: Not a likely route of exposure. If large amounts of processing dust are ingested resulting in gastrointestinal discomfort, seek medical attention.

SECTION V – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: None needed

ENVIRONMENTAL PRECAUTIONS: None needed

CLEANING METHODS: None needed

SECTION VI – HANDLING AND STORAGE

HANDLING: No special requirements. Avoid processing conditions that release small particles of materials (10 micrometers or less).

STORAGE: Cool dry area

SECTION VII – ENGINEERING CONTROLS/ PERSONAL PROTECTION

VENTILATION

LOCAL: Recommended in heating, finishing, hot wire, and laser cutting operations.

GENERAL: Recommended as with all industrial operations.

PERSONAL PROTECTION

HAND: Cotton gloves to protect from fiberglass.

EYE: Safety glasses are recommended with all industrial operations.

SKIN: Any material that will prevent contact with fiberglass.

SECTION VIII – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid silicone material.
Odor: Slight characteristic
Physical State: Solid.
Boiling Point: N/A
Melting Point: NE
Freezing Point: NE
Water Solubility: None
Vapor Pressure: N/A
Specific Gravity: 1.26
Partition Coefficient: N/A
Explosive Properties: N/A
Evaporation Rate: N/A
Density: 1.26 g/cc
Viscosity: N/A
Ignition: N/A
pH: N/A

SECTION IX – FIRE FIGHTING MEASURES

FLASH POINT: N/A
METHOD USED: N/A
AUTOIGNITION TEMPERATURE: N/A
EXTINGUISHING MEDIA: Water Fog Foam CO₂ Dry
Chemical
SPECIAL FIRE FIGHTING PROCEDURES: Decomposition in a fire may produce toxic fumes and siliceous char. Firefighters should be equipped with self-contained breathing apparatus.
UNUSUAL FIRE EXPLOSION HAZARDS: N/A
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, formaldehyde, silicon dioxide, and traces of incompletely burned carbon compounds.

SECTION X – STABILITY AND REACTIVITY

Stable Unstable
Conditions to avoid: None known
Materials to avoid: None known
Hazardous Decomposition Products: See Section 5

SECTION XI – TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: Cristobalite is listed by IARC as Group 1 carcinogen (carcinogenic to humans) and by NTP as “reasonably anticipated to be carcinogen”. However the cristobalite in this material is encapsulated eliminating this hazard during normal processing.

SECTION XII – DISPOSAL INFORMATION

ENVIRONMENTAL TOXICITY DATA: N/A
WASTE DISPOSAL METHOD: In accordance with all local, state, and federal regulations (landfill)
CONTAINER DISPOSAL: In accordance with all local, state, and federal regulations (landfill)

SECTION XIII – TRANSPORT INFORMATION

DOT SHIPPING NAME: N/A
DOT HAZARD CLASSIFICATION: N/A
PACKING GROUP: N/A
UN/NA CODE: N/A

SECTION XIV – REGULATORY INFORMATION

TSCA: All ingredients are TSCA listed.
(Toxic Substances Control Act)

CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act): N/A
SARA TITLE III (Superfund Amendments and Reauthorization Act): N/A
311/312 HAZARD CATEGORIES: None

This product contains the following toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372.

CAS#: N/A **CHEMICAL NAME:** N/A **% BY WEIGHT:** N/A



ADVANCED MATERIALS GROUP

MATERIAL SAFETY DATA SHEET

SI-PAD Grey QL – Issue Date: March 30, 2007

USER'S RESPONSIBILITY

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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