

SECTION I - PRODUCT IDENTIFICATION

Trade Name: **Dahlpad Si-Pad**
Product Class:
Supplier: **Airtech International, Inc.**
5700 Skylab Road
Huntington Beach, CA 92647
Telephone: 714-899-8100
Fax: 714-899-8179

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

SECTION II – HAZARDOUS INGREDIENTS

This material is nonhazardous. The ingredients prior to cure include:

Chemical Name	CAS#	TLV	PEL
Polydimethyl, methylvinyl siloxane	68083-19-2	ND mg/m3	ND mg/m3
Silica, amorphous	07631-86-9	10 mg/m3	6 mg/m3
Silica, quartz	14808-60-7	0.1 mg/m3	0.1 mg/m3
Iron oxide	01309-37-1	5 mg/m3	10 mg/m3
2,4-dichlorobenzoyl peroxide	00133-14-2	ND mg/m3	ND mg/m3

Nonhazardous ingredients below 1% by weight in this mixture are not listed.

SECTION III – PHYSICAL DATA

Specific Gravity: 1.4
Boiling Point °C: N/A
Melting Point °C: N/A
Vapor Pressure (mmHg): Unknown
Evaporation Point (°C): N/A
Vapor Density (Air=1.0): Unknown
Solubility in Water: Negligible
Reactivity in Water: Nil
Appearance & Odor: Red silicone rubber on glass fabric

Odor: None
ND = Not determined; N/A = Not applicable

SECTION IV – FIRE AND EXPLOSION DATA

Flash Point: Unknown **Method:** N/A

Flammable Limits: LEL: Unknown UEL: Unknown

Extinguishing Media: All – water, water fog, foam, alcohol foam, carbon dioxide, and dry chemical.

Special Fire-Fighting Procedures: Self-contained breathing apparatus and protective clothing should not be worn with fires involving these materials.

Unusual Fire and Explosion Hazards: None known.

SECTION V – HEALTH HAZARD DATA

Acute Health Hazards: None Known.

Chronic Health Hazards: None Known.

Carcinogenicity: Yes

Reference: IARC Monographs Volume 68, “Silica, Some Silicates, Coal Dust, and para-Aramid Fibrils.” July 1997. See Section IX.

Routes (s) of Entry: Skin contact, eye contact, and ingestion.

Signs and Symptoms of Exposure:

Eye contact: None known

Skin contact: None known

Inhalation: None known

Ingestion: None known

General: Emergency and First Aid Procedures:

Skin Contact : Wash affected areas with soap and water. Seek medical attention if irritation persists.

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Other: Seek medical attention.

Medical Conditions Generally Aggravated by Exposure: None known, but as with any chemical, allergic reactions are possible in certain people.

SECTION VI – REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None Known.

Incompatibility: Strong acids, strong bases, and strong oxidizers.

Hazardous Decomposition or By products: Carbon monoxide, carbon dioxide, silicon dioxide, formaldehyde, and trace amounts of other incompletely burned carbon products.

Hazardous Polymerization: No.

Conditions to Avoid: None known.

SECTION VII – SPILL OR LEAK PROCEDURE & CONTROL MEASURES

Precautions to be Taken in Case of Released Material: Remove material from floor and wipe clean. Dispose of material if contaminated.

Waste Disposal Method: Dispose of in accordance with all local, state, and federal regulations.

Precautions to be Taken in Handling and Storage: Store in cool, dry places.

Other Precautions: Avoid processes that liberate small particles of material, such as grinding. See note in Section IX.

Ventilation: Not required.

Personal Protection Equipment:

Respiratory: None required

Eyes: Safety glasses (minimum) required

Skin: Cloth gloves recommended

Other Protection: None required

Other Protection Equipment: None required

SECTION VIII – SPECIAL PRECAUTIONS

All physical and health hazards reported in this Material Safety Data Sheet are for the fully cured material and not for the individual ingredients. The properties of the individual ingredients may not apply after the cure reaction.

Respirable crystalline silica is a known carcinogen (see IARC Monograph Volume 68, entitled “Silica, Some Silicates, Coal Dust, and para-Aramid Fibrils”). Under normal

processing conditions, crystalline silica is considered to be safe through encapsulation in the silicone rubber. Avoid processing conditions that could release small particles of material (10 microns or less). If necessary, use respiratory protection.

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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