

### SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **Durocast Table Top**  
Product Description: Polyurethane Sheet  
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 – INGREDIENTS

#### Polyurethane from Methylenediphenyl diisocyanate, 1,4-butanediol, and polyester polyol.

CAS #:  
Proprietary: >98%  
Additives: <2%

### SECTION III – HAZARDS IDENTIFICATION

#### Emergency Overview

Clear to light yellow sheet. Odorless. No significant immediate hazards for emergency response are known.

Potential Health Effects (See Section 11 for toxicological data.)

#### Eye:

Dust may cause irritation or corneal injury due to mechanical action. Elevated temperatures may generate vapor levels sufficient to cause eye irritation.

#### Skin:

Essentially nonirritating to skin. Mechanical injury only. Skin absorption is unlikely due to physical properties. Molten material may burn skin.

#### Ingestion:

Single dose oral toxicity is considered to be extremely low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.

#### Inhalation:

Dust may cause irritation to upper respirator tract. At room temperature, exposure to vapors are unlikely due to physical properties; normal processing temperatures may generate vapors which may cause irritation if ventilation is inadequate.

#### Systemic (other target organ) effects:

No specific data; however, repeated exposures to the unheated material are not anticipated to cause any significant adverse effects. Processing fumes may cause eye and respiratory irritation upon repeated exposure.

**Cancer Information:** No relevant information found.  
**Teratology (birth defects):** No relevant information found.  
**Reproductive Effects:** No relevant information found.

### SECTION IV – FIRST AID MEASURES

#### Eyes:

Flush eyes with plenty of water.

#### Skin:

Wash off in flowing water or shower.

#### Ingestion:

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

#### Inhalation:

Remove to fresh air if effects occur. Consult a physician.

#### Note to Physician:

If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

### SECTION V – FIRE FIGHTING MEASURES

#### Flammable Properties

Flash Point: Not applicable.  
Method Used: Not applicable.

#### Flammability Limits

LFL: Not applicable  
UFL: Not applicable

#### Hazardous Combustion Products

Under fire conditions polymers decompose. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to Carbon monoxide and Carbon dioxide and trace amounts of aromatic hydrocarbons and Hydrogen cyanide.

### Other Flammability Information:

Dense smoke is emitted when burned without sufficient oxygen. Mechanical handling can cause formation of dusts. To reduce the potential for dust explosion, do not permit dust to accumulate.

### Extinguishing Media:

Water, Carbon dioxide or Dry chemical

### Fire Fighting Instruction:

Keep people away. Isolate fire area and deny unnecessary entry. Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical extinguishers may be used for small fires. Soak thoroughly with water to cool and prevent reignition.

### Protective Equipment for Fire Fighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

(See Section 15 for Regulatory Information)

**People/Environment:** No difficulty is expected because the product is a sheet.

**Cleanup:** Sweep up.

## SECTION VII – HANDLING AND STORAGE

**Handling:** No difficulty is expected.

**Storage:** Store in a dry place.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations when the product is heated.

### Personal Protective Equipment

#### Eye/Face Protection:

Use safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles. If vapor exposure causes eye discomfort, use a full-face respirator.

### Skin Protection:

No precautions other than clean body-covering clothing should be needed. Use gloves with insulation for thermal protection, when needed.

### Respiratory Protection:

In dusty atmospheres, use an approved dust respirator. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator.

### Exposure Guidelines:

None established.

## SECTION VIII – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear colorless to pale yellow or pigmented sheet.
<b>Odor:</b>	Odorless.
<b>Vapor Pressure:</b>	Not applicable.
<b>Vapor Density:</b>	Not applicable.
<b>Boiling Point:</b>	Not applicable.
<b>Solubility in water:</b>	Insoluble
<b>Specific Gravity:</b>	1.1 - 1.2

## SECTION X – STABILITY AND REACTIVITY

### Chemical Stability:

Thermally stable at typical use temperatures.

### Conditions to Avoid:

Avoid temperatures above 500F (260C).

### Incompatibility with other Materials:

None known

### Hazardous Decomposition Products:

Hazardous decomposition products depend on temperature, air supply and the presence of other materials.

### Hazardous polymerization:

Will not occur.

## SECTION XI – TOXICOLOGICAL INFORMATION

(See Section 3 for Potential Health Effects. For detailed toxicological data, write or call the address or non-emergency number shown in Section 1.)

**Ingestion:** Single dose oral LD50 has not been determined.

**Mutagenicity:** No relevant information found.

### SECTION XII – ECOLOGICAL INFORMATION

(For detailed Ecological data, write or call the address in Section 1)

#### Environmental Fate

##### **Movement & Partitioning:**

No bioconcentration is expected because of high molecular weight (MW > 1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material will sink and remain in the sediment.

##### **Degradation & Persistence:**

This water insoluble polymeric solid is expected to be essentially unreactive in the environment over a period of many years. Surface photodegradation is expected with exposure to sunlight. No appreciable biodegradation is expected.

##### **Ecotoxicity:**

Not expected to be acutely toxic.

### SECTION XIII – DISPOSAL CONSIDERATIONS

(See Section 15 for Regulatory Information)

**DISPOSAL:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Airtech International, Inc. has no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended conditions as described in MSDS Section II (Composition/Information On Ingredients).

FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator or other thermal destruction device, or landfill.

### SECTION XIV – TRANSPORT INFORMATION

#### **U.S. DOT Information:**

This product is not regulated by D.O.T. when shipped domestically by land.

#### **Canadian TDG Information**

This product is not regulated by TDG when shipped domestically by land.

### SECTION XV – REGULATORY INFORMATION

(Not meant to be all inclusive--selected regulations represented)

#### **NOTICE:**

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for health and safety information.

#### **U.S. Regulations**

**SARA 313 INFORMATION:** To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

**SARA HAZARD CATEGORY:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category.

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**STATE RIGHT-TO-KNOW:** This product is not known to contain any substances subject to the disclosure requirements of New Jersey Pennsylvania

#### **OSHA Hazard Communication Standard:**

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**COMPREHENSIVE ENVIRONMENT RESPONSE COMPESATION AND LIABILITY ACT (CERCLA, or SUPERFUND):**

#### **Canadian Regulations**

**WHMIS INFORMATION:** the Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is:

This product is not a "Controlled Product" under WHMIS.

**SECTION XVI – OTHER INFORMATION**

MSDS Status: Converted to 16-section format. Revised all sections.

**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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