# **ARTECH** ADVANCED MATERIALS GROUP

Tri-Pad

## MATERIAL SAFETY DATA SHEET TRI-PAD — Issue Date: March 14, 2014

#### **SECTION I - PRODUCT IDENTIFICATION**

Trade Name:

Supplier:

Airtech International, Inc.

5700 Skylab Road Huntington Beach, CA 92647 Telephone: 714-899-8100 Fax: 714-899-8179

Emergency Telephone: 800-424-9300

CHEMICAL RE	91			
RESPONSE TEAM PPE:	<b>()</b>	the second se		
WHMIS:				
HEALTH:	0			
FLAMMABILI	1			
REACTIVITY:				0
PERSONAL PROTECTION:			В	

### SECTION II - HAZARDOUS IDENTIFICATION

#### Hazard Identification:

Use NIOSH-approved dust/mist respirator when grinding or machining.

Routes of Entry:

Inhalation:	Yes		
Absorption:	No		
Ingestion:	No		

#### Effects of Exposure:

EYES: Mild irritation.SKIN: May cause irritation to sensitive skin.INGESTION: May cause irritation, nausea, vomiting, diarrhea.INHALATION: Respiratory irritation.Symptoms of Exposure:EYES: Mild irritation.SKIN: May cause irritation to sensitive skin.INGESTION: May cause irritation, nausea, vomiting, diarrhea.INGESTION: May cause irritation, nausea, vomiting, diarrhea.INHALATION: Respiratory irritation.Acute Health Effects:

EYES: Mild irritation.

<u>SKIN</u>: May cause irritation to sensitive skin. <u>INGESTION</u>: May cause irritation, nausea, vomiting, diarrhea.

**INHALATION:** Respiratory irritation.

#### **Chronic Health Effects**:

The manufacturer has not reported any chronic health effects.

**Target Organs:** 

None reported by the manufacturer.

### SECTION III - COMPOSITION AND INGREDIENT INFORMATION

					EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )				
CHEMICAL	CAS	RTECS EINECS			ACGIH -	ppm	C	DSHA - ppn	n
NAME(S)	No.	No.	No.	%	TLV	STEL	PEL	STEL	IDLH
PROPRIETARY INGREDIENTS	NA	NA	NA	NA	NA	NA	NA	NA	NA

#### SECTION IV - FIRST AID MEASURES

**Eyes:** Flush eyes thoroughly with copious amounts of water for at least 20 minutes, holding eyelids open to ensure complete flushing. Seek immediate medical attention. **Skin:** Remove contaminated clothing and flush affected areas with water. Seek prompt medical attention. Launder clothing before reuse.

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**Ingestion:** Do not induce vomiting. Call a physician or poison control center for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce risk of aspiration. **Inhalation:** Remove victim to fresh air at once. If breathing is difficult, provide supplemental oxygen. If breathing has stopped, provide artificial respiration. Seek immediate medical attention. Provide supportive treatment, keeping victim warm and quiet.

#### Medical Conditions Aggravated by Exposure:

Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

HEALTH	0		
FLAMMA	1		
REACTIV	0		
PROTECT	В		
EYES	SKIN		

### SECTION V – FIREFIGHTING MEASURES

Flashpoint & Method: N/A Flashpoint & Method: N/A Flammability Limits:

Lower Explosive Limit (LEL): ND Upper Explosive Limit (UEL): ND

#### Fire & Explosion Hazards: N/A

## **Extinguishing Methods:**

Carbon Dioxide, foam, dry chemical, water, water fog.

#### **Firefighting Procedures:**

Keep containers cool until well after the fire is out. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters should wear full-face, self-contained breathing apparatus (MSHA/NIOSH approved or the equivalent) and impervious clothing.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

#### Spills:

Individuals involved in the cleanup must wear appropriate personal protective equipment. Contact appropriate local and/or provincial authorities for assistance and/or reporting requirements.

#### SECTION VII - HANDLING & STORAGE INFORMATION

#### Work & Hygiene Practices:

If this product is sanded or machined after curing, take appropriate precautions against inhalation of nuisance particulates.

Storage & Handling: N/A

Special Precautions: N/A

#### SECTION VIII - EXPOSURE CONTROLS & PERSONAL PROTECTION

#### Ventilation & Engineering Controls:

General mechanical is satisfactory. If odor is disagreeable, use local exhaust. Respiratory Protection:

None required under normal conditions. A respiratory protection program that meets ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirators use.

#### **Eye Protection:**

Safety glasses with side shields should be used with this product. If grinding is anticipated, protective eyewear and a face shield are recommended.

#### Hand Protection: N/A

#### **Body Protection:**

Wear protective clothing to prevent skin contact. Aprons and gloves should be constructed of: impermeable material. For frequent contact or total immersion, contact a manufacturer of protective clothing for appropriate chemical impervious equipment.

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#### SECTION IX – PHYSICAL CHEMICAL PROPERTIES

Density:	>1.0
Boiling Point:	N/A
Melting Point:	N/A
Evaporation Rate:	N/A
Vapor Pressure:	N/A
Molecular Weight:	N/A
Appearance & Color	Solid
Odor Threshold:	N/A
Solubility:	N/A
pH:	N/A
Viscosity:	N/A
Other Information:	N/A

#### SECTION X – STABILITY & REACTIVITY

Stability: Stable

Hazardous Decomposition Products: Toxic smoke, vapors, may form during decomposition.

Hazardous Polymerization: Will not occur.

**Conditions to avoid:** Exposure to open flame or excessive heat. **Incompatible Substances:** High Temperatures.

#### SECTION XI -TOXICOLOGICAL INFORMATION

Toxicity Data: N/A

Acute Toxicity: See section 2

Chronic Toxicity: See section 2

Suspected Carcinogen: No

**Reproductive Toxicity –** 

**Mutagenicity:** This product is not expected to cause mutagenic effects in humans. **Embryotoxicity:** This product is not expected to cause embryotoxic effects in humans.

**Teratogenicity:** This product is not expected to cause teratogenic effects in humans. **Reproductive Toxicity:** This product is not expected to cause reproductive harm in humans.

#### **XII – ECOLOGICAL INFORMATION**

**Environmental Stability:** The manufacturer has not reported any detailed studies on the environmental fate of the material.

Effects on Plants & Animals: The manufacturer has not reported any animal or plant effects.

Effects on Aquatic Life: The manufacturer has not reported any aquatic life effects.

#### XIII – DISPOSAL CONSIDERATIONS

**Waste Disposal:** Dispose of in accordance with federal, state & provincial hazardous waste laws.

**Special Considerations:** If the material is unsuitable for recycling or reclamation, enclosed-controlled incineration is recommended unless otherwise prohibited by local ordinance.

#### **XIV – TRANSPORTATION INFORMATION**

The basic description (proper shipping name, hazard class & division, ID Number, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

49 CFR (GND) : NOT REGULATED IATA (AIR): NOT REGUILATED IMDG (OCN): NOT REGULATED TDGR (CANADIAN GND): NOT REGULATED ADR/RID (EU): NOT REGULATED MEXICO: NOT REGULATED

#### **XV – REGULATORY INFORMATION**

**SARA Reporting Requirements:** This product does not contain any substances subject to SARA reporting requirements.

SARA Threshold Planning Quantity: N/A

**TSCA Inventory Status:** The components of this product are listed on the TSCA inventory.

**CERCLA Reportable Quantity (RQ):** N/A Other federal requirements: N/A



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#### **Other Canadian Regulations:**

All chemical substances of this product are listed on the CEPA DSL/NDSL or are exempt from list requirements. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

#### **State Regulatory Information:**

This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

#### 67/548/EEC (European Union) Requirements:

The primary components of this product are NOT listed in Annex I of EU Directive 67/548/EEC.

#### **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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