

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

073294964

N/A

**Axcent Tray Acrylic Powder****Material Safety Data Sheet****Section I Garreco, Inc.**Manufacturer: **P.O. Box 1258****Heber Springs, AR 72543**

Emergency Telephone Number: CHEMTREC 800-424-9300

Telephone Number for Information: 501-362-6261

Date Prepared: 5/13/2011

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended
Polymer 9010-88-2	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Calcium Carbonate 1317-65-3	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Benzoyl Peroxide 94-36-0	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	

**Section III - Physical/Chemical Characteristics**

Boiling Point: N/A	Specific Gravity (H <sub>2</sub> O=1): 1.185
Vapor Pressure (mm Hg.): N/A	Melting Point: N/A
Vapor Density (AIR=1): N/A	Evaporation Rate (Butyl Acetate =1): N/A
Solubility in Water: Insoluble	Appearance and Odor: Fine white or blue powder. Faint odor in bulk.

**Section IV - Fire and Explosion Hazard Data**

Flash Point : 304°C Flammable Limits LEL: N/A UEL: N/A

Extinguishing Media: Water, carbon dioxide, dry chemical.

Unusual Fire and Explosion Hazards: Polymer dust is combustible. Firefighters should wear self contained breathing apparatus.

Special Fire Fighting Procedures: Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust in air, producing a fire hazard and possible explosion hazard.

**Section V - Reactivity Data**

Stability: Stable Conditions to Avoid: Heating above 300°C.

Incompatibility: Oxidizing agents.

Hazardous Decomposition or By-products: Methylmethacrylate monomer and carbon monoxide

Hazardous Polymerization: Will Not Occur Conditions to Avoid: N/A

**Section VI - Health Hazard Data**

Route(s) of Entry: Inhalation? N/A Skin? N/A Ingestion? N/A

Health Hazards: Acute or Chronic; N/A

Carcinogenicity: NTP? Ethyl Acrylate IARC Monographs? Ethyl Acrylate OSHA Regulated? No

Signs and Symptoms of Exposure: N/A

Medical Conditions Generally Aggravated by Exposure: Avoid inhalation of dust.

Emergency and First Aid Procedures: Inhalation: Remove to fresh air. Get medical help if discomfort persists. Eye: Flush with water for 15 min., including under the eyelids. Skin: Wash with soap and water. Ingestion: Rinse mouth out with water.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Sweep up to avoid slipping hazards. Keep airborne particulate at a minimum when cleaning up spills.

Waste Disposal Method: May be disposed of in a landfill or incinerated. Follow Federal, State, or Local regulations.

Precautions to Be Taken in Handling and Storing: Store in cool dry place. Keep container closed to prevent water absorption and contamination.

Wash thoroughly after use and before eating or smoking.

**Section VIII - Control Measures**

Respiratory Protection: Use type for particulates not otherwise classified, if needed.

Ventilation Local Exhaust: Recommended

Special: NAIF

Mechanical (General): NAIF

Other: NAIF

Protective Gloves: If hot plastic is handled

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: N/A

Work/Hygienic Practices: N/A

**Safety Data Sheet**

Form No. A410

Date Prepared: 2/15/2016

**SECTION 1 : Identification of the substance/preparation and of the company / undertaking****(a) GHS product identifier**

Garreco Axcnt Tray Material (Blue and White)

**(e) Emergency phone number**

CHEMTREC 1-800-424-9300

**(b) Other means of identification**

NA

**(c) Recommended use of the chemical and restrictions on use**

For professional dental applications.

**(d) Supplier's details**

Garreco, LLC.  
430 Hiram Road  
Heber Springs, AR 72543  
Phone: 1-800-334-1443

**SECTION 2: Hazards identification****(a) GHS classification of the substance/mixture****Substance Name**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**(b) Label Elements**

	<b>Hazard statements</b>
	N/A
	<b>Precautionary statements</b>
	N/A
<b>Response</b>	N/A
<b>Storage</b>	N/A
<b>Disposal</b>	N/A
<b>Hazard Symbol(s)</b>	<b>Signal Word(s)</b>
N/A	N/A

**(c) Other hazards which do not result in classification**

NA

**SECTION 3: Composition/information on ingredients****(a) Chemical(s) Identity:****(b) Common Name:**

Polymethyl methacrylate Co- and ter-polymer blends

**(c) CAS No.**

9011-14-7

**Mixture:****Concentration (Percentage)**

CBI

**SECTION 4: First-aid measures****(a) Description of first aid measures:**

**IF IN EYES:** In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**IF ON SKIN (OR HAIR):** Harmless to most people but individuals with a history of skin disease or allergy may have a reaction to prolonged exposure. Wash well with soap and water. Seek medical attention if a serious reaction is experience.

**IF INHALED:** Treat as inert particulate matter, seek medical attention if inhalation of large quantities of dust causes respiratory distress.

**IF SWALLOWED:** Non-hazardous in all reasonably foreseeable circumstances.

**(b) Most important symptoms and effects, both acute and delayed:**

Prolonged or repeated skin contact may cause irritation. Direct contact with eyes may cause temporary irritation. May cause discomfort if swallowed. May cause respiratory irritation.

**(c) Indication of any immediate medical attention and special treatment needed:**

**Note to Physicians:** Treat symptomatically.

**SECTION 5: Fire-fighting measures****(a) Suitable extinguishing media:**

Foam, Dry Chemical, Carbon Dioxide, Water spray jet.  
**Unsuitable Extinguishing Media:** Not determined.

**(b) Special hazards arising from the chemical or mixture:**

Product is not flammable or combustible.

**Hazardous Combustion Products:** Carbon oxides, Methyl methacrylate.

**Sensitivity to Static Discharge:** Take precautionary measures against static discharge.

**(c) Special protective equipment and precautions for fire-fighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent\_) and full protective gear.

**SECTION 6: Accidental release measures**

**(a) Personal precautions, protective equipment and emergency procedures:**

**Personal Precautions:** Wear protective clothing as described in Section 8 of this safety data sheet.

**Other Information:** Avoid spillage on hard floors-may be a slip hazard.

**(b) Methods and material for containment and cleaning up:**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:** Use a sweeping compound to minimize dust. Sweep up and shovel into suitable containers for disposal. Wash area with soap and water.

**SECTION 7: Handling and storage**

**(a) Precautions for safe handling:**

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Unlikely to represent a dust hazard under normal handling conditions.

**(b) Conditions for safe storage, including any incompatibilities:**

**Storage Conditions:** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep only in the original container at a temperature not exceeding 40°C (104°F). Keep container closed after use.

**Incompatible Materials:** Strong acids. Strong oxidizing agents.

**SECTION 8: Exposure controls/Personal protection**

**(a) Control parameters:**

Contains no substances with occupational exposure limit values.

**(b) Appropriate Engineering Controls:**

Good general ventilation should be sufficient.

**(c) Individual protection measures:**

**EYE PROTECTION:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH(US) or EN 166(EU).

**SKIN AND BOODY PROTECTIONS:** Wear suitable protective clothing.

**RESPIRATORY:** If necessary, a dust mask is sufficient.

**GENERAL HYGIENE CONSIDERATIONS:** Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9: Physical and chemical properties**

**(a) Appearance:**

Blue or White Powder

**(b) Odor:**

Odorless

**(c) Odor threshold:**

Not determined

**(d) pH:**

Not determined

**(e) Melting point / freezing point:**

Not determined

**(f) Initial boiling point and boiling range:**

Not determined

**(g) Flash point**

>200 °C, 392 °F

**(h) Evaporation rate (BuAc=1):**

Not determined

**(i) Flammability:**

Not determined

**(j) Upper/lower flammability or explosive limits:**

Not determined

**(k) Vapor Pressure:**

Not applicable

**(l) Vapor density:**

Not determined

**(m) Relative density:**

Not determined

**(n) Solubility:**

Insoluble in water, Soluble in most organic solvents

**(o) Partition coefficient: n-octanol/water:**

Not determined

## Safety Data Sheet

Form No. A410

Date Prepared: 2/15/2016

- (p) Auto-ignition temperature:  
 (q) Decomposition temperature:  
 (r) Viscosity:

Not determined  
 Not determined  
 Not determined

## SECTION 10: Stability and reactivity

- (a) Reactivity: Not reactive under normal conditions.  
 (b) Chemical stability: Stable under recommended storage conditions.  
 (c) Possibility of hazardous reactions: None under normal processing.  
 (d) Conditions to avoid: To avoid thermal decompositions, do not overheat. Avoid contact with moisture or humid air.  
 (e) Incompatible Materials: Strong acids. Strong oxidizing agents.  
 (f) Hazardous decomposition products: None known based on information supplied.

## SECTION 11: Toxicological information

- Acute toxicity: Not determined  
 Skin corrosion/irritation: Prolonged contact may cause redness and irritation.  
 Serious Eye Damage / Irritation: May cause temporary irritation on eye contact.  
 Respiratory or skin sensitization: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.  
 Germ cell mutagenicity: Not determined  
 Carcinogenicity: Polymethyl methacrylate Co- and ter-polyer blends - IARC - Group 3  
 Reproductive toxicity: Not determined  
 STOT-single exposure: Not determined  
 STOT-repeated exposure: Not determined  
 Aspiration Hazard: Not determined

- (a) Exposure route: Please see above for normal exposure routes.  
 (b) Symptoms related to the physical, chemical and toxicological characteristics: Please see section 4 of this SDS for symptoms.  
 (c) Delayed and immediate effects and also chronic effects from short and long tem exposure: Please see section 4 of this SDS for symptoms.  
 (d) Numerical measures of toxicity: Oral LD50 >5000 mg/kg (rat)

## SECTION 12: Ecological information

- (a) Ecotoxicity: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
 (b) Persistence and degradability: Not determined  
 (c) Bioaccumulative potential: Not determined  
 (d) Mobility in soil: Not determined  
 (e) Other adverse effects: Not determined

## SECTION 13: Disposal considerations

## Product:

## Recommendation

**Disposal of Wastes:** Disposal should be n accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## SECTION 14: Transport information

## (a) UN Number

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

## (b) UN Proper shipping name

Not regulated

## (c) Transport hazard class(es)

Not regulated

**Safety Data Sheet**

Form No. A410

**Date Prepared: 2/15/2016****(d) Packing Group**

Not regulated

**(e) Environmental hazards**

Not regulated

**(f) Transport in bulk**

Not regulated

**(g) Other Information**

Not regulated

**SECTION 15: Regulatory information****SARA Reporting Requirements:**

Not determined

**SARA Threshold Planning Quantity:**

Not determined

**TSCA Inventory Status:**

Not determined

**Other Federal Requirements:**

Not determined

**Other Canadian Regulations:**

Not determined

**State Regulatory Information:**

Not determined

**Safety Data Sheet**

Form No. A410

Date Prepared:

2/15/2016

**SECTION 16: Other information****PREPARED BY:** Kathryn Harris**GAR QMS SDS REFERENCE:** A395**HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:**

Health	Not determined
Flammability	Not determined
Reactivity	Not determined
Other	Not determined

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:**

Health	Not determined
Flammability	Not determined
Reactivity	Not determined
Special Information	Not determined

**REVISION NUMBER:** 160215**CHANGES FROM PREVIOUS VERSION:**

INITIAL VERSION

**ABBREVIATIONS**

NA Not Applicable  
 ND Not Determined  
 NE Not Established  
 ppm parts per million

G Gallon  
 mg Milligram

L Liter  
 gm Gram  
 mol Mole  
 kg Kilogram  
 µ Micro  
 mm Millimeter

p Pico  
 Pa Pascals  
 c cento

LC Lethal Concentration

ACGIH American Conference of Governmental Industrial Hygienist

CPR Controlled Product's Regulation

NDSL Canadian Non-domestic Substance List

IARC International Agency for Research for Cancer

OSHA Occupational Safety and Health Administration

LD Lethal Dose

TC Toxic Concentration

TD Toxic Dose

BOD Biological Oxygen Demand

COD Chemical Oxygen Demand

Lo Lowest

ThOD Theoretical Oxygen Demand

TLm Threshold Limit

IC Inhibitory Concentration

DOC Dissolved Organic Carbon

H Hours

M Months

D Days

Y Years

W Weeks

NOEL No Observed Effect Level

NOAEL No Observed Adverse Effect Level

DSL Canadian Domestic Substances List

PEL Permissible Exposure Limit

TLV Threshold Limit Value

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OF CHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.