

## SAFETY DATA SHEETS

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

073294956

N/A

**Axcent Pour Type 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	9011-14-7	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Diethyl Phthalate	84-66-2	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): N/A
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 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. The explosive limits of the polymer particles suspended in the air are approximately those of coal dust.

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

**Section V - Reactivity Data**

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

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition or By-products: Methacrylate monomers 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? N/A IARC Monographs? N/A OSHA Regulated? N/A

Signs and Symptoms of Exposure: N/A

Medical Conditions Generally Aggravated by Exposure: Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

Emergency and First Aid Procedures: Inhalation: Remove to fresh air. Get medical help if discomfort persists. Eye: Flush with water for 15 minutes, 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, and Local regulations.

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

**Section VIII - Control Measures**

Respiratory Protection: Nuisance dust type if needed

Ventilation Local Exhaust: Recommended

Mechanical (General): NAIF

Special: 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

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

Axcent Acrylics Pour Type Denture Base (All Types)

**(e) Emergency phone number**

CHEMTRAC 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**

1. Methyl Methacrylate Copolymer

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****Hazard statements**

N/A

**Precautionary statements**

N/A

**Response**

N/A

**Storage**

N/A

**Disposal**

N/A

**Hazard Symbol(s)**

N/A

**Signal Word(s)**

N/A

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

N/A

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

1. Methyl Methacrylate Copolymer

**(c) CAS No.**

9011-14-7

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

&gt;97%

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

**IF IN EYES:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**IF ON SKIN (or hair):** Wash off immediately with soap and plenty of water. If irritation occurs: Get medical advice/attention.

**IF INHALED:** Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.

**IF SWALLOWED:** Drink plenty of water. If symptoms persist, call a physician.

**(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.

**Unsuitable Extinguishing Media:** Not determined.

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

Combustible producing noxious fumes. Can cause dust explosion if limits (20g/m<sup>3</sup>) are exceeded.

**Hazardous Combustion Products:** Carbon oxides.

**(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:**

Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.

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

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**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 BODY PROTECTION:** 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**

<b>(a) Appearance:</b>	Pink Powder
<b>(b) Odor:</b>	Slight
<b>(c) Odor threshold:</b>	Not determined
<b>(d) pH:</b>	Not determined
<b>(e) Melting point / freezing point:</b>	Not determined
<b>(f) Initial boiling point and boiling range:</b>	Not determined
<b>(g) Flash point:</b>	Not determined
<b>(h) Evaporation rate (BuAc=1):</b>	Not determined
<b>(i) Flammability:</b>	Not determined
<b>(j) Upper/lower flammability or explosive limits:</b>	Not determined
<b>(k) Vapor Pressure:</b>	Not determined
<b>(l) Vapor density:</b>	Not determined
<b>(m) Relative density:</b>	-1 (1=Water)
<b>(n) Solubility:</b>	Insoluble in water
<b>(o) Partition coefficient: n-octanol/water:</b>	Not determined
<b>(p) Auto-ignition temperature:</b>	Not determined
<b>(q) Decomposition temperature:</b>	Not determined
<b>(r) Viscosity:</b>	Not determined

**SECTION 10: Stability and reactivity**

<b>(a) Reactivity:</b>	Not reactive under normal conditions.
<b>(b) Chemical stability:</b>	Stable under recommended storage conditions.
<b>(c) Possibility of hazardous reactions:</b>	None under normal processing.
<b>(d) Conditions to avoid:</b>	Keep out of reach of children.
<b>(e) Incompatible Materials:</b>	Strong acids. Strong oxidizing agents.
<b>(f) Hazardous decomposition products:</b>	None known based on information supplied.

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**SECTION 11: Toxicological information**

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

**SECTION 12: Ecological information**

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

**SECTION 13: Disposal considerations****Product:****Recommendation**

**Disposal of Wastes:** Disposal should be in 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**

<b>(a) UN Number</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b>(b) UN Proper shipping name</b>	Not regulated
<b>(c) Transport hazard class(es)</b>	Not regulated
<b>(d) Packing Group</b>	Not regulated
<b>(e) Environmental hazards</b>	Not regulated
<b>(f) Transport in bulk</b>	Not regulated
<b>(g) Other Information</b>	Not regulated

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**SECTION 15: Regulatory information**

<b>SARA Reporting Requirements:</b>	Not determined.
<b>SARA Threshold Planning Quantity:</b>	Not determined.
<b>TSCA Inventory Status:</b>	Not determined.
<b>Other Federal Requirements:</b>	Not determined.
<b>Other Canadian Regulations:</b>	Not determined.
<b>State Regulatory Information:</b>	Not determined.

**SECTION 16: Other information**

<b>PREPARED BY:</b>	Kathryn Harris
<b>GAR QMS SDS REFERENCE:</b>	A390
<b>HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:</b>	N/D Health N/D Flammability N/D Reactivity N/D Other
<b>NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:</b>	N/D Health N/D Flammability N/D Reactivity N/D Specific hazard
<b>REVISION NUMBER:</b>	160212
<b>CHANGES FROM PREVIOUS VERSION:</b>	INITIAL VERSION

**ABBREVIATIONS**

NA Not Applicable	LD Lethal Dose
ND Not Determined	TC Toxic Concentration
NE Not Established	TD Toxic Dose
ppm parts per million	BOD Biological Oxygen Demand
G Gallon	COD Chemical Oxygen Demand
mg Milligram	Lo Lowest
L Liter	ThOD Theoretical Oxygen Demand
gm Gram	TLm Threshold Limit
mol Mole	IC Inhibitory Concentration
kg Kilogram	DOC Dissolved Organic Carbon
μ Micro	H Hours
mm Millimeter	M Months
p Pico	D Days
Pa Pascals	Y Years
c cent	W Weeks
LC Lethal Concentration	CPR Controlled Product's Regulation
ACGIH American Conference of Governmental Industrial Hygienist	NOEL No Observed Effect Level
NDSL Canadian Non-domestic Substance List	NOAEL No Observed Adverse Effect Level
IARC International Agency for Research for Cancer	PEL Permissible Exposure Limit
OSHA Occupational Safety and Health Administration	TLV Threshold Limit Value
	DSL Canadian Domestic Substances List

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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.

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