

Safety Data Sheet

Form No. A403

Date Prepared: 2/11/2016

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

Garreco Axcent Acrylics Orthodontic Powder (All Colors)

(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: (800) 334-1443

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

1 Methacrylate copolymer

This chemical does not meet the hazardous criteria set forth by the 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
Prevention	N/A
Response	N/A
Storage	N/A
Disposal	N/a
Hazard Symbol(s)	Signal Word(s)
N/A	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 Methacrylate Copolymer

(c) CAS No.

9011-14-7

Mixture:**Concentration (Percentage)**

>98%

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^3) 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.

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

(a) Appearance:	Clear powder
(b) Odor:	Slight
(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:	Not determined
(h) Evaporation rate (BuAc=1):	Not determined
(i) Flammability:	Not determined
(j) Upper/lower flammability or explosive limits:	Not determined
(k) Vapor Pressure:	Not determined
(l) Vapor density:	Not determined
(m) Relative density:	-1 (1=Water)
(n) Solubility:	Insoluble in water
(o) Partition coefficient: n-octanol/water:	Not determined
(p) Auto-ignition temperature:	Not determined
(q) Decomposition temperature:	Not determined
(r) Viscosity:	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:	Keep out of reach of children.
(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	Methyl Methacrylate Copolymer - 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:**
Not determined

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: Methyl Methacrylate Copolymer

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**(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

(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.

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SECTION 16: Other information**PREPARED BY:** Kathryn Harris**GAR QMS SDS REFERENCE:** A388**HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:**

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

REVISION NUMBER: 160211**CHANGES FROM PREVIOUS VERSION:** 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	NOEL No Observed Effect Level
ACGIH American Conference of Governmental Industrial Hygienist	NOAEL No Observed Adverse Effect Level
CPR Controlled Product's Regulation	OSHA Occupational Safety and Health Administration
DSL Canadian Domestic Substances List	PEL Permissible Exposure Limit
NDSL Canadian Non-domestic Substance List	TLV Threshold Limit Value
IARC International Agency for Research for Cancer	

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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