

Activ GP™ Sealer – Liquid


Date Issued: SEP/22/2015
EDCO 15.0038 REV A

1 – IDENTIFICATION

Product Identifier	Trade Name	Product Identifier Number (REF)
	Activ GP™ Sealer - Powder	5011493U0

Product Use	Glass-Ionomer Cement
Restrictions on Use	For dental use only.
Supplier	Brasseler U.S.A. Dental, LLC One Brasseler Boulevard Savannah, Georgia 31419, USA Tel: 1-800-841-4522
Emergency Contact	For Chemical Emergency ONLY (spill, leak, fire, exposure, or accident) call: CHEMTREC Tel: 1-800-262-8200 (USA) +1 703-741-5500 (International)

2 – HAZARDS IDENTIFICATION

Acute Health Hazards	May cause eye, respiratory and skin irritation in high concentrations.
Chronic Health Hazards	Material is not known to cause significant health problems.
Signs and Symptoms of Exposure	High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness.
Primary routes of exposure	Inhalation, skin contact, eye contact
Carcinogenicity	NTP – no, OSHA – no, IARC – no.
Hazard symbols	

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Barium aluminosilicate glass powder CAS #: Proprietary Hazard identification & Risk Phrases: N/E
	Bismuth oxychloride CAS #: 7787-59-9 Hazard identification & Risk Phrases: N/E
	Dried poly (acrylic acid) CAS #: 9003-01-04 Hazard identification & Risk Phrases: Irritant, R36/38
Additional information	For the wording of the listed risk phrases refer to section 16.

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4 – FIRST AID MEASURES

Route of Exposure	First Aid Treatment
Skin Contact	• Wash with soap and water.
Eye Contact	• Flush with large quantities of water for 15 minutes. Consult a physician.
Inhalation	• If irritation occurs, take victim to open air. If breathing difficulty persists, consult a physician.
Ingestion	• Consult a physician.

5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	• Carbon dioxide, water spray, dry chemical.
Special Protective Actions Equipment and Precautions for Fire-Fighters	• Use extinguishing method & media suitable to surround fire.
Unusual Fire and Explosion Hazards	• None



6 – ACCIDENTAL RELEASE MEASURES

Environmental Precautions	• Avoid seepage into sewers and water supplies.
Clean-Up Procedure	• Contain spill and pick up material with a suitable absorbent material. Place absorbent into a container for later disposal. Clean spill area with detergent and water.

7 – HANDLING AND STORAGE

Handling	• No special measures necessary if handled according to instructions.
Storage	• Keep container tightly closed when not in use. Store in a cool, dry location. Keep material in original packaging.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Special Storage and Handling Precautions	Eye / Face Protection 	• Wear safety goggles or safety glasses with side shields when handling.
	Skin Protection 	• Avoid unnecessary skin contact. Wear latex gloves when handling.
	Respiratory Protection	• Avoid inhalation of vapors. No special protection under normal use.
	Ventilation	• Use only in well-ventilated areas.
	Hygiene Measures	• Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

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9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White fine powder	Upper / Lower Flammability or Explosive Limits	Not Established
Odour	Specific odor	Vapour Pressure	Not available
Odour Threshold	Not Established	Vapour Density	Not available
pH	Not available	Relative Density	Not available
Melting Point / Freezing Point	Not available	Solubility (with water)	10 WT% (dry acid content)
Initial Boiling Point and Boiling Range	Not available	Partition Coefficient: n-octanol / water	Not available
Flash Point	Not available	Auto-ignition Temperature	Not available
Evaporation Rate	Not available	Decomposition Temperature	Not available
Flammable Limits in Air (% by volume)	Not available	Viscosity	Not available
Percent Volatile (w/w%)	Not available		

10 – STABILITY AND REACTIVITY

Hazardous Reactions	<ul style="list-style-type: none"> None if handled according to directions
Chemical Stability	<ul style="list-style-type: none"> This material is stable
Hazardous Polymerization	<ul style="list-style-type: none"> May occur
Conditions To Avoid	<ul style="list-style-type: none"> > 25°C (77°F). Water.
Incompatibility	<ul style="list-style-type: none"> Eugenol products
Hazardous Decomposition Products	<ul style="list-style-type: none"> Depending on conditions of heating and burning.

11 – TOXICOLOGICAL INFORMATION

Acute oral toxicity	<ul style="list-style-type: none"> LD50 (rat) > 2000 mg/Kg
Irritation of Skin	<ul style="list-style-type: none"> Dryness and irritation possible upon prolonged exposure
Allergic Effects	<ul style="list-style-type: none"> Acrylates sensitive individuals may exhibit an allergic reaction.

12 – ECOLOGICAL INFORMATION

Ecological Toxicity	<ul style="list-style-type: none"> Do not discharge into sewers or water supplies.
Environmental persistence and degradability	<ul style="list-style-type: none"> No data available
Ecotoxicity	<ul style="list-style-type: none"> No data available

13 – DISPOSAL CONSIDERATIONS

Disposal Methods	<ul style="list-style-type: none"> May be disposed of in landfill or incinerator in accordance with local, state and federal regulations.
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14 – TRANSPORT INFORMATION

Transport at land	Not Regulated
Transport at sea	Not Regulated
Air transport	Not Regulated
U.S. DOT Shipping Name	Not Regulated
U.S. DOT Hazard Class	None
U.N./N.A. Number	None
U.S. DOT Packing Group	None
Other	Not considered hazardous cargo

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15 – REGULATORY INFORMATION

<p>This product requires classification according to the criteria of EC. The product is a medical device according to the EC-directive 93/42.</p> <p>15.1 UN Number – N/A 15.2 National regulations 15.3 EU number 15.4 Hazard symbols</p> <p></p> <p>15.5 Hazard designation Irritant</p> <p>15.6 Risk phrases R: 36, 37/38 36 Irritating to eyes. 37/38 Irritating to respiratory system and skin</p> <p>15.7 Safety phrases S: 2, 9, 16, 23, 26, 28, 24/25, 37/39 2 - Keep out of the reach of children. 9 - Keep container in a well-ventilated place 16 - Keep away from sources of ignition - No smoking. 23 - Do not breathe vapour. 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 28 - After contact with skin, wash immediately 24/25 - Avoid contact with skin and eyes. 37/39 - Wear suitable gloves and eye/face protection</p> <p>U.S. - O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.</p>

16 – OTHER INFORMATION

Date of Preparation	SEP/16/2015
Relevant R-phrases	36/37/38 Irritating to eyes, respiratory system and skin: Corrosive, Irritant Material should be maintained in original containers. Empty containers should not be re-used.
ANSI/NFPA 704 Data:	Fire = 0 Health = 0 Reactivity = 0 Specific Hazard = None
<p>This product should be used according to manufacturer's directions. Safety precautions presented above may not be adequate for all individuals or situations. Inexperienced product users should obtain proper training before using or handling this product. Users have the responsibility to comply with all laws and procedures applicable to the products' safe handling and use, determine the suitability of the product for its intended use, and understand possible hazards associated with mixing this product with other materials. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The supplier and/or manufacturer of this product shall not be held liable for damage resulting from handling, misuse or from contact with this product.</p>	