

SAFETY DATA SHEET

SDS-0009


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 - Liquid	5011494U0
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	Poly-acrylic Acid CAS #: 9003-01-04 Hazard identification & Risk Phrases: Irritant, R36/38 DL-Tartaric Acid CAS #: 133-37-9 Hazard identification & Risk Phrases: Irritant, R36/38
Additional information	For the wording of the listed risk phrases refer to section 16.

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	• Do not make the casualty vomit. If unconscious, do not give any thing by mouth. If conscious, rinse out the mouth with water. Give 1 pint of water to drink immediately and repeat drinks at the rate of 1/3 pint every 3 minutes. Consult a physician.

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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.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless liquid	Upper / Lower Flammability or Explosive Limits	Not Established
Odour	Specific odor	Vapour Pressure	Not available
Odour Threshold	Not Established	Vapour Density	Not available
pH	Acidic	Relative Density	1.25g/cm3
Melting Point / Freezing Point	95°C / 50°C	Solubility (with water)	Very soluble
Initial Boiling Point and Boiling Range	100°C	Partition Coefficient: n-octanol / water	Not available
Flash Point	>100°C	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%)	60 (WATER)		

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10 – STABILITY AND REACTIVITY

Reactivity	• None if handled according to directions
Chemical Stability	• This material is stable
Hazardous Polymerization	• May occur
Conditions To Avoid	• Heat
Incompatibility	• Reactive materials, e.g. metals, peroxides, etc.
Hazardous Decomposition Products	• CO, CO ₂

11 – TOXICOLOGICAL INFORMATION

Acute oral toxicity	• LD50 (rat) > 2000 mg/Kg
Irritation of Skin	• Dryness and irritation possible upon prolonged exposure
Allergic Effects	• Acrylates sensitive individuals may exhibit an allergic reaction.

12 – ECOLOGICAL INFORMATION

Ecological Toxicity	• Do not discharge into sewers or water supplies.
Environmental persistence and degradability	• No data available
Ecotoxicity	• No data available

13 – DISPOSAL CONSIDERATIONS

Disposal Methods	• 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	ADR: 8 RID/Kemler Number: 8 UN Number: 3265 Packing Group: II Proper shipping name: Corrosive liquid, acidic, organic, n.o.s.
Transport at sea	ADNR: 8 UN Number: 3265 Packing Group: II Proper shipping name: Corrosive liquid, acidic, organic, n.o.s.
Air transport	ICAO / IATA-DGR: 8 UN Number: 3265 Packing Group: II Proper shipping name: Corrosive liquid, acidic, organic, n.o.s.
U.S. DOT Shipping Name	Corrosive Liquid
U.S. DOT Hazard Class	8
U.N./N.A. Number	UN3265
U.S. DOT Packing Group	II
Other	Corrosive

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15 – REGULATORY INFORMATION

This product requires classification according to the criteria of EC.
The product is a medical device according to the EC-directive 93/42.

15.1 UN Number
3265

15.2 National regulations

15.3 EU number

15.4 Hazard symbols



15.5 Hazard designation

Corrosive liquid, acidic, organic, n.o.s.; Irritant

15.6 Risk phrases

R: 36, 37/38

36 Irritating to eyes.

37/38 Irritating to respiratory system and skin

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

U.S. - O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

16 – OTHER INFORMATION

Date of Preparation	SEP/16/2015
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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 = 1 Reactivity = 0 Specific Hazard = None

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.