EQUIA COAT
MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER
GC AMERICA INC.
3737 West 127th St.
Alsip, Illinois 60803
Telephone: 708-597-0900
Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.
Transportation Emergency Telephone No. 800-424-9300

COMMON NAME: EQUIA COAT
CHEMICAL NAME: N.A.
PRODUCT USE: Coating agent for glass ionomer restorations.

The following information is provided with regard to the toxicity and hazards of the pure components present in this product.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Urethane methacrylate	---	N.E.	N.E.	30-40
Methylmethacrylate	80-62-6	OSHA (PEL): 100ppm TWA) ACGIH (TLV) 50 ppm (TWA)	LD50 (oral rat) 7872 mg/kg LC50 (inh rat) 78000 mg/m 3/4 H	40-50
Camphorquinone	465-29-2	N.E.	N.E.	<1
Silicon dioxide	7631-86-9	N.E.	N.E.	10-15
Phosphoric ester monomer		N.E	N.E	1-5

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 100° C.
VAPOR PRESSURE: 3.9 kPa @ 20° C
VAPOR DENSITY: N.E.
SOLUBILITY IN WATER: Miscible.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.
SPECIFIC GRAVITY (H2O = 1): N.E.
MELTING POINT: N.E.
EVAPORATION RATE: N.E.
ODOR THRESHOLD: Ester-like
APPEARANCE AND ODOR: Slight yellow color and slight odor

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 10° C
FLAMMABLE LIMITS: N.E.
EXTINGUISHING MEDIA: Carbon dioxide, dry chemicals, chemical foam
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full protective equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E.
HAZARDOUS COMBUSTION PRODUCTS: N.E.

SECTION 5 - REACTIVITY DATA

STABILITY: **Stable** ☒ **Unstable** ☐
POLYMERIZATION: **Will Not Occur** ☒ **Will Occur** ☐
CONDITIONS TO AVOID: Avoid heat and ignition sources.
INCOMPATIBILITY (Materials to Avoid): N.E.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER	X							

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

ROUTES OF ENTRY: **Inhalation** ☒ **Skin** ☒ **Ingestion** ☒

HEALTH HAZARD (Acute and Chronic): Eyes, skin and respiratory system irritation. May cause sensitization by skin contact. May cause irritation to digestive tract if swallowed..
SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.
CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. If breathing is difficult give oxygen and seek medical attention. If not breathing, give artificial respiration.
INGESTION: Do not induce vomiting. Give one or two glasses of water and seek medical attention.
SKIN: Wash with soap and water for 15 minutes, if irritation persist, get medical attention.
EYES: Flush with water for 15 minutes, if irritation persist get medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Cover with absorbent material, place in chemical waster container.

WASTE DISPOSAL METHOD: In accordance with local, state and federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store at room temperature. Remain out of direct sunlight and heat. Keep receptacle tightly sealed. Store in cool, dry conditions. Container closed when not in use.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: In case of brief exposure or low pollution, use respiratory filter device. In case of longer exposure, use self contained respiratory protective device.

VENTILATION: **Local Exhaust:** N.E. **Mechanical:** N.E. **Special:** N.E. **Other:** N.E.

PROTECTIVE GLOVES: Rubber gloves
EYE PROTECTION: Safety goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.E.
WORK/HYGIENIC PRACTICE: Observe good hygienic practices.

SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR

DATE: 7 July 2011

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED

The information herein is given in good faith. No warranty expressed or implied is made.

NFPA

FIRE – 4	TOXICITY – 1	REACTIVITY – 0	SPECIAL –