

GE-E-700 Pressure Sensitive Adhesive

1. IDENTIFICATION

Trade Name (As Labeled) GE-E-700
Chemical Names: Acrylic Copolymer Mixture
Product Number: GE-E-700
Uses: Acrylic PSA Adhesive
UN Number: None
UN Dangerous /goods Class/Subsidiary Risk: Not-Regulated
Manufacturer's Name: Volunteer Adhesives Corp./ Construction Specialties
Address: 570 Industrial Dr. Lafayette, TN. 37083 USA
Emergency Phone: (800) 424-9300 (CHEMTREC)
Business Phone: (615) 688-3030 (Product Information)
Date of Preparation: 2/21/02
Date of last revision: 9/20/12

2. HAZARD(S) IDENTIFICATION

OSHA Hazards

This product contains no hazardous ingredients as defined under the criteria of the federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Classification

Inhalation (Category (2B))
Skin irritation (Category (3))
Eye irritation (Category (4))
Ingestion (Category (4))

Signal Word: Warning 

Hazard Statement's

H315 + H320 Causes skin and eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statement's

P-261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P305+P-351+P-338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352 IF ON SKIN: Wash with soap and water.

HMIS Classification

Health Hazard: 1
Chronic Health Hazard: 0
Flammability: 0
Physical Hazard: 0

SAFETY DATA SHEET

NFPA Rating

Health Hazard: 1
 Fire: 0
 Reactivity Hazard: 0

Potential Health Effects

Inhalation: Acute Inhalation - spray mists may cause mild respiratory irritation.
 Skin: Acute Skin contact: None Known
 Eyes: Acute Eye Contact: Liquid splashed into the eye may cause transient eye irritation.
 Ingestion: Acute Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms and Effects of Short-Term Exposure: Chronic - None Known

Medical Conditions Generally Aggravated by Exposure: None Known

3. COMPOSITION INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NO.	EC. No.	WT % RANGE
1	Acrylic Copolymer	Mixture		Proprietary

4. FIRST AID MEASURES

Emergency & First Aid Procedures:

Consult a physician. Show this safety data sheet to the doctor in attendance.

EYE CONTACT: Flush with large quantities of water for at least 15 minutes or until irritation subsides. Contact a Physician.

SKIN CONTACT: Wash with soap and water, Consult a physician.

INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Contact a Physician immediately.

INGESTION: Consult with physician, hospital emergency room, or poison control center immediately.

Only if conscious, give 2 glasses of water to drink.

NOTE to PHYSICIAN: Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

5. FIRE FIGHTING MEASURES

Conditions of Flammability:

Non-Flammable.

Suitable extinguishing media:

Dry chemical, Water spray, Carbon Dioxide.

Hazardous combustion products:

During a fire irritating and toxic gases and aerosols may be generated by thermal decomposition.

Precautions for fire-fighting:

Self-contained breathing apparatus (pressure-demand OSHA/NIOSH approved or equivalent) and full protective gear may be worn if desired, but not necessary for normal use.

Further Information:

Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Gloves, and Safety Glasses.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and clean up:

Cover spill with absorbent material (sand, sawdust) or precipitate latex with sodium chloride and remove polymer coagulate.

7. HANDLING AND STORAGE

Precautions for safe handling:

HANDLING INFORMATION: KEEP OUT OF THE REACH OF CHILDREN. Avoid skin and eye contact. Avoid breathing vapors. Use only in a well-ventilated area.

Storage information:

Storage Temperature: (Min/Max): 7.25 Deg C (45 Deg. F) / 49 Deg. C (120 Deg. F).

Special Sensitivity: High Heat.

Store in a cool, dry place away from food and drink. Keep container tightly closed to prevent loss of moisture. Avoid subjecting this product to extreme temperature variations and freezing. Adverse conditions can cause emulsion coagulation. Use appropriate respiratory protection and ensure efficient exhaust ventilation.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

SDS Components	CAS-No.	VALUE	EXPOSURE LIMITS	GOVERNING BODY
Acrylic Copolymer	Mixture	TWA	10 ppm	USA, OSHA Threshold Limit Values (TLV)
Acrylic Copolymer	Mixture	STEL	20 ppm	USA, OSHA Threshold Limit Values (TLV)
Acrylic Copolymer	Mixture	TWA	10 ppm	USA, ACGIH Threshold Limit Values (TLV)
Acrylic Copolymer	Mixture	STEL	15 ppm	USA, ACGIH Threshold Limit Values (TLV)

Face and Eyes Protection:

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

Skin and Body Protection:

The type of protective equipment must be selected according to the concentration and amount of the substance at the specific workplace. Always use Protective Gloves and safety glasses.

Special Instructions for Protection and Hygiene:

Minor components will migrate into the container headspace. Levels in excess of the exposure limits can accumulate in non-vented container headspace. Provide readily accessible eye wash stations and safety showers. Under normal conditions of use in a well-ventilated space, the concentration of Minor components in the workplace air will not exceed the exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid, Milky White

Odor: Sweet

PH: Approx. 4.3 (decreases gradually during storage) Based on Chloroprene Monomer

Melting Point/Range Point: Not Established 32 Deg. F for Water.

Boiling Point: 100 C 212 Deg. F at 760 mmHg Based on Chloroprene Monomer

Flash Point: N/A

Evaporation Rate: N/A

Ignition Temperature: N/A

Upper Explosion Limits: N/A

Lower Explosion Limits: N/A

Vapor Pressure: 18.20 mmHg at 70 Deg. F (21 C)

Density: 63.677 lb/ft³ (1.02 g/cm³)

Water Solubility: Dispersible.

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable. Coagulation may occur following freezing, thawing or boiling.

Hazardous Polymerization:

Will not occur.

Incompatibilities:

None known.

Hazardous Decomposition Products:

Depending upon formulation conditions (such as PH>7), the level of acetaldehyde may increase as a result of hydrolysis of residual vinyl acetate monomer. (Carbon Dioxide, Carbon Monoxide, Aldehydes, Acetic Acid).

11. TOXICOLOGICAL PROPERTIES

Acute Health Hazard:

Ingestion: No Data Available.

Inhalation: No Data Available.

Inhalation - components: LC50 (1hr): 5656 ppm Species: Rat.

Vinyl Acetate Monomer

Skin: No Data Available.

Other information on Acute Toxicity:

This product contains small amounts of vinyl acetate monomer. ACGIH evaluated vinyl acetate(1993) as a A3-Animal Carcinogen. Available evidence suggests that the agent is not likely to cause cancer in humans except under uncommon or unlikely routes of exposure. The International Agency for Research on Cancer (IARC) published a monograph on vinyl acetate (1995). In this monograph IARC indicates "there is inadequate evidence in humans for carcinogenicity of vinyl acetate. There is limited evidence in experimental animals for carcinogenicity of vinyl acetate. Normally, this lack of conclusive evidence would place a substance in the IARS Category 3 classification (Not classified as a human carcinogen). However, because vinyl acetate is metabolized to acetaldehyde, which has an IARC 2B (Possible carcinogenic to humans) classification, it also has been under Category 2B.

12. ECOLOGICAL INFORMATION

Toxicity:

Aquatic Toxicity: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Product:

WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and Local Standards. Discarded material should be incinerated at a permitted facility.

Responsibility for waste disposal is with the owner of the waste.

14. TRANSPORTATION INFORMATION

DOT (US):

DOT PROPER SHIPPING NAME: ITEM 4620 Adhesive Class 60, SUB 5

Packing Group: II

15. REGULATORY INFORMATION

OSHA Hazards:

None.

SARA 312 Components:

SARA 312: No SARA Hazards.

SARA 313 Components:

SARA SECTION 313:

Numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313: Vinyl Acetate

Massachusetts Right to Know Components:

Chloroprene Monomer CAS # Revision Date

Hazardous Substance List. 126-99-8 8/6/12

Pennsylvania Right to Know Components:

Chloroprene Monomer CAS # Revision Date

Non-Hazardous Present @ 3% or greater. 126-99-8 8/6/12

New Jersey Right to Know Components:

Chloroprene Monomer CAS # Revision Date

Health Hazardous Substance List. 126-99-8 8/6/12

California Prop. 65 Components:

This product contains chemicals known to the state of California to cause cancer.

16. OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

REASON FOR REVISION: To Correct MSDS Number/Change OSHA Hazcom Information

HAP less water, less exempt solvent: 0.0 gm/l-----0.0 # Per Gal. where Acetone is exempt.

VOC less water, less exempt solvent: 0.0 gm/l-----0.0 # Per Gal. where Acetone is exempt.

Product Shelf Life: 6 Months from the date of Mfg. in an unopened sealed container.

This data is offered in good faith as typical value and not as a product specification.

No warranty either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review the recommendations in specific context of the intended use and determine if they are appropriate.

END.