

Design Step Carpet Tiles

GE-E-700 Pressure Sensitive Adhesive

Preparation Date: 2.21.2002
Date of Last Revision: 2.24.2025

Section 1. CHEMICAL PRODUCT AND COMPANY 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 LLC
Address: 570 Industrial Dr. Lafayette, TN. 37083 SA
Emergency Phone: 800.424.9300 (CHEMTREC)
Business Phone: 615.688.3030

Section 2. HAZARDS 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 Statements

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

Precautionary Statements

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

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 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

Section 3. COMPOSITION INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NO.	EC-No.	WT % RANGE
1.	Acrylic Copolymer	Mixture		P 60-85%
*	Less than .40%	Vinyl Acetate Monomer		

Section 4. EMERGENCY & FIRST AID MEASURES

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

Eye Contact: Flush eyes 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.

Section 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.

Section 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.

Section 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.

Section 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.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, Milky White
Odor:	Sweet
pH:	Approx. 4.3 (decreases gradually during storage)
Melting Point/Range Point:	Not established. 32°F for Water.
Boiling Point:	100°C/212°F at 760 mmHg
Flash Point:	N/A
Evaporation Rate:	N/A
Ignition Temperature:	N/A
Upper Explosion Limit:	N/A
Lower Explosion Limit:	N/A
Vapor pressure:	18.20 mmHg at 70°F (21°C)
Density:	63.677 (1.02g/cm ³) at 70°F (21°C)
Water solubility:	Dispersible.
Solids = 68%	Viscosity 8,000 to 10,000 cps

Section 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).

Section 11. TOXICOLOGICAL INFORMATION

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 suggest 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 in 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.

Section 12. ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity: No data available

Section 13. DISPOSAL CONSIDERATIONS**Product:**

WASTE MANAGEMENT/DISPOSAL: Disposal 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.

Section 14. TRANSPORT INFORMATION**DOT (US):**

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

Section 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:

Acrylic Copolymer	CAS#	Revision Date
Hazardous Substance List.	Mixture	2.24.2025

Pennsylvania Right to Know Components:

Acrylic Copolymer	CAS#	Revision Date
Non-Hazardous Present @ 3% or greater.	Mixture	2.24.2025

New Jersey Right to Know Components:

Acrylic Copolymer	CAS#	Revision Date
Health Hazardous Substance List.	Mixture	2.24.2025

California Prop. 65 Components

WARNING: This product contains chemicals known to the State of California to cause cancer.

Acetaldehyde CAS #75-07-0, Propylene oxide, 1,2 CAS #75-56-9

For more information go, to www.P65Warnings.ca.gov

Section 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: 0.00 # Per Gal.

VOC less water, less exempt solvent: 4.47 # Per Gal.

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 of SDS>