

SAFETY DATA SHEET

GENFLASH Primer | Commercial Water-Based Adhesive | OSHA HCS 16-section format

SECTION 1 - IDENTIFICATION	
Product name	GENFLASH Primer
Synonym	Adhesive
CAS number	Mixture
Recommended use	Commercial water-based adhesive
Manufacturer / supplier	3GEN Masonry Products, Inc. 8620 Spruiell Street, Leeds, Alabama 35094 USA
Telephone	1-800-556-5785 www.3genmp.com
Emergency contact	CHEMTREC 1-800-424-9300
Source revision dates	Current: 1 May 2024 Previous: 25 July 2019

SECTION 2 - HAZARD(S) IDENTIFICATION	
Emergency overview	White liquid with a sweet odor. May irritate the eyes, skin, and respiratory system. Contains a suspected carcinogen. Does not meet the definition of a combustible liquid; flash point is greater than 200°F. No identified reactivity hazard. Environmental effects have not been fully investigated; release may cause long-term adverse effects.
GHS classification	Carcinogenicity - Category 2
Signal word	Warning
Hazard statement	H351: Suspected of causing cancer.
Prevention	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P280: Wear protective gloves, protective clothing, eye protection, and face protection.
Response	P308+P313: IF exposed or concerned: Get medical advice/attention.
Storage	P405: Store locked up.
Disposal	P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.
Other hazards	None applicable.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS			
Hazardous ingredient	Weight %	CAS number	Hazard classification
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	0.1-1%	64742-47-8	Acute Tox. 4 (inhalation); Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; Asp. Tox. 1
Vinyl Acetate Monomer	0.1-1%	108-05-4	Flam. Liq. 2; Acute Tox. 4 (inhalation); Carc. 2; STOT SE 3
Bronopol	0.1-1%	52-51-7	Acute Tox. 4 (oral/dermal); Skin Irrit. 2; Eye Dam. 1; STOT SE 3; Aquatic Acute 1

The balance of ingredients is non-hazardous or present below 1% concentration, or below 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers.

SECTION 4 - FIRST-AID MEASURES	
Eye contact	Flush with plenty of water or eyewash solution for several minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.
Skin contact	Wash thoroughly with soap and water. Seek medical attention if irritation develops and persists.
Inhalation	If breathing becomes difficult, move the person to fresh air. Use artificial respiration if necessary and seek medical attention.
Ingestion	Call a physician or poison center immediately. Do not induce vomiting unless directed by a professional. Never give diluents to an unconscious, convulsing, or unable-to-swallow person. Take the label or SDS to the health professional.
Aggravated conditions	Pre-existing skin, respiratory, or eye problems may be aggravated by prolonged contact.
Symptoms / effects	Exposure to skin, eyes, and the respiratory system may cause irritation.
Physician recommendation	Treat symptoms and eliminate overexposure.

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing media	Water spray, foam, dry chemical, Halon, or any Class C agent.
Mechanical impact sensitivity	No
Static discharge sensitivity	No
Special procedures	Incipient responders should wear eye protection. Structural firefighters must wear SCBA and full protective equipment. Isolate uninvolved material and protect personnel. Move containers if this can be done without risk; otherwise cool with carefully applied water spray. Prevent runoff from entering storm drains, bodies of water, or environmentally sensitive areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions	Use cautious judgment. Wear suitable protective clothing, gloves, and eye/face protection.
Environmental precautions	Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.
Small spills	Collect with a broom or mop. Place in tightly sealed containers for proper disposal.
Large spills	Approach cautiously. If liquid is present, create a dike or trench. Absorb with clay, sand, or another non-reactive material. Place in leak-proof containers, seal tightly, and dispose according to applicable regulations.

SECTION 7 - HANDLING AND STORAGE

Safe handling	Wear appropriate safety eyewear. Do not eat, drink, or smoke while handling. Wash thoroughly after use.
Storage	Keep away from incompatible materials. Keep the container closed when not in use and store in a well-ventilated area.
Specific use	Commercial water-based adhesive.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS number	OSHA PEL	ACGIH
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	64742-47-8	Not established	Not established
Vinyl Acetate Monomer	108-05-4	10 ppm / 30 mg/m ³	10 ppm
Bronopol	52-51-7	Not established	Not established
Ventilation / engineering controls	Use adequate ventilation to maintain exposure levels.		
Respiratory protection	Not required in properly ventilated areas. If needed, use respiratory protection authorized under OSHA 29 CFR 1910.134 or the applicable equivalent standard.		
Eye protection	Safety glasses or goggles are required.		
Hand protection	Chemical-resistant gloves are required to prevent skin contact.		
Body protection	Use protection appropriate to the task. Use suitable foot protection where falling, rolling, piercing, or electrical hazards exist.		

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Variable gray solid at room temperature
Odor	No odor
Odor threshold	No data available
pH	No data available
Melting / freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	No data available
Flammability / explosion limits	Not applicable
Vapor pressure	No data available
Vapor density	No data available
Relative density / specific gravity	No data available
Water solubility	No data available
Weight per gallon	No data available
Partition coefficient	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	6,000-10,000 cps
Other information	No data available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	No data available.
Stability	Stable under normal storage and use.
Hazardous reactions	Vapors may form an explosive mixture in air.
Conditions to avoid	Heat, sparks, and flame.
Incompatible substances	No data available.
Hazardous decomposition	No data available.

SECTION 11 - TOXICOLOGICAL INFORMATION

Vinyl Acetate Monomer	Oral LD50, rat: 3,500 mg/kg Inhalation LC50, rat: 15,810 mg/m ³ (4 h) Dermal LD50, rabbit: 7,440 mg/kg
Suspected carcinogen	One or more ingredients appear on federal OSHA, NTP, IARC, or California OSHA lists and are considered cancer-causing agents by those agencies.
Irritation	May irritate skin, eyes, or the respiratory system.
Sensitization	Not expected to cause skin sensitization.
Germ-cell mutagenicity	Does not contain ingredients suspected to be germ-cell mutagens.
Reproductive toxicity	Not expected to be a human reproductive toxicant.
STOT - single / repeated exposure	Data not sufficient for classification.
Aspiration hazard	May be an aspiration hazard.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity	No data available for this product.
Persistence / degradability	No specific data available.
Bioaccumulative potential	No specific data available.
Mobility in soil	No specific data available.
PBT / vPvB assessment	No specific data available.
Other adverse effects	No data available.
Water endangerment class	No ecotoxicological assessment is presently available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment	Dispose according to applicable U.S. federal, state, and local regulations and applicable international requirements.
Waste classification	Not determined.

SECTION 14 - TRANSPORT INFORMATION

UN identification number	None
Proper shipping name	Not regulated
Hazard class	None
Packing group	None
DOT labels required	None
Emergency Response Guide	None
Marine pollutant	Components are not designated as marine pollutants under 49 CFR 172.101, Appendix B.
Special precautions	None
IATA	Not considered dangerous goods.
IMO	Not considered dangerous goods.

SECTION 15 - REGULATORY INFORMATION

SARA Sections 302 / 304 / 313	Vinyl Acetate Monomer, CAS 108-05-4, is subject to reporting requirements.
SARA 311 / 312	Acute health: Yes; Chronic health: No; Fire: No; Reactivity: No.
CERCLA reportable quantity	None.
TSCA inventory	Components are listed or exempt from listing.
California Proposition 65	Contains the following listed ingredients at concentrations below 0.1%: Diethanolamine, Acetaldehyde, Benzene, 1,4-Dioxane, and Ethylene Oxide.
Canada	Components are DSL listed, NDSL listed, and/or exempt. Classified under applicable WHMIS Hazardous Product Regulations.
European Union	Meets the definition of a hazardous substance or preparation under Directives 67/548/EEC, 1999/45/EC, and 1272/2008/EC. No chemical safety assessment has been completed.
Australia / Japan	Components are listed on the applicable international inventory. Components are not listed by Japanese MITI as Class I, Class II, or Designated Chemical Substances.
International inventories	AICS: Listed; ECL: Listed; ENCS: Listed; PICCS: Listed; U.S. TSCA: Listed.

SECTION 16 - OTHER INFORMATION

Rating system	Health	Flammability	Physical / reactivity	PPE
NFPA	1	0	0	—
HMIS	1	0	0	See Section 8
Source printing date	1 May 2024			
Reformatted / revised	3 September 2026			
Prepared by	3GEN Masonry Products, Inc. - Product Technical / EHS			
Document control	3GEN-SDS-GENFLASHPRIMER-001, Version 1.0			

The information in this SDS is believed accurate but is not warranted. Users must confirm that it is current, applicable, and suitable for their circumstances; evaluate their operations for additional precautions; provide relevant health and safety information to employees and customers; follow reasonable safety procedures; and comply with all applicable laws and regulations.