

GENFLASH SEALANT

Safety Data Sheet

For Durafoam™, Airaflex™, Duraflex™ and Bondaflex™ products per Hazard Communication Standard (HCS)
(29 CFR 1910.1200(g)), 2012 Revision

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

3GEN Masonry Products, Inc.
8528 Davis Blvd., #134-246
North Richland Hills, TX 76182
Phone: (800) 556-5785
Email: Info@3genmp.com

Emergency Phone Number

INFOTRAC (International):(352)-323-3500
INFOTRAC (North America):(800)-535-5053
Account#115874

Product Identifier: 3GEN SEALANT
Product Identifier: Ahesive/Sealant
Restrictions on Use: None

SECTION 2 - HAZARD IDENTIFICATION

GHS Classification:

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Irritation	Category 2
Skin Sensitization	Category 1

GHS Label Elements:

Symbol(s):



Signal Warning:

Warning

Hazard Statement(s):

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction

Precautionary Statement(s):

warning

Prevention:

Wash face, hands and any exposed skin thoroughly after handling.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical advice/attention

Disposal:

Dispose of contents/container to an approved waste disposal plant

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SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	WT%	CAS No.
Proprietary	Proprietary	40-50
Proprietary	Proprietary	10-20
Proprietary	Proprietary	<1
Proprietary	Proprietary	<1
Proprietary	Proprietary	<1

SECTION 4 - FIRST AID MEASURES

Inhalation:	IF INHALED: Remove to fresh air
Skin Contact:	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact:	IF I EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	IF SWALLOWED: Clean mouth with water and drink plenty of water afterwards.
Most Important Symptoms and Effects:	May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.
Indication of any immediate medical attention and special treatment needed:	
Notes to physician:	Treat symptomatically

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon Dioxide (CO2) Dry Chemical Foam Water Spray (fog)
Unsuitable Extinguishing Media:	Not determined
Specific Hazards Arising from the Chemical:	Products may burn, but do not ignite readily.
Hazardous Combustion Products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out low areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions:

Wear personal protective clothing and equipment, see Section 8. Keep unnecessary people away, isolate hazard area and deny entry. Only personnel trained for the hazards of this material should perform clean up and disposal.

Environmental Precautions:

Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up

Methods for Containment:

Prevent further leakage or spillage if safe to do so.

Methods for Clean Up:

Ventilate the area. Stop leak if possible without personal risk. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing and eye/face protection.

Conditions for Safe Storage, including and incompatibilities

Storage Conditions:

Store and handle in accordance with all current regulations and standards. Keep container tightly closed. Keep separated from incompatible substances.

Incompatibilities:

Strong acids. Strong oxidizing agents.

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SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Exposure Parameters:

Chemical Component	CAS No.	Exposure Limits
Proprietary	Proprietary	OSHA PEL: TWA: 15 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction) TWA (vacated): 15 mg/m3 (total dust) TWA (vacated): 5 mg/m3 (respirable fraction) NIOSH IDLH: TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction)
Proprietary	Proprietary	NIOSH IDLH: TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable dust)
Proprietary	Proprietary	ACGIH TLV STEL: 0.2 mg/m3 Sn TWA: 0.1 mg/m3 Sn S* OSHA PEL TWA: 0.1 mg/m3 Sn (vacated) TWA: 0.1 mg/m3 Sn (vacated) S* NIOSH IDLH IDLH: 25 mg/m3 Sn TWA: 0.1 mg/m3 except Cyhexatin Sn

Appropriate Engineering Controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Individual protection measures, such as personal protective equipment

Eye/Face Protection:

Wear splash resistant safety goggles with a face shield.

Skin and Body Protection:

Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves.

Respiratory Protection:

Use an approved respirator if exposure limits are exceeded or if irritation develops or persists.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Physical State: Liquid

Appearance: Paste

Color: In accordance with product description

Odor: Odorless

Odor Threshold: Not determined

pH: Not determined

Melting Point: Not determined

Boiling Point: Not determined

Flash Point: >93.3°C (200°F)

Evaporation Rate: Not determined

Flammability (Solid, Gas) Liquid-Not applicable

Flammability Limits in Air: Upper Limit: Not determined **Lower Limit:** Not determined

Vapor Pressure: Not determined

Vapor Density: 1.3-1.7

Density: 13.8 lb/gal

Water Solubility: Slightly soluble

Solubility in other Solvents: Not determined

Partition Co-efficient: Not determined

Auto-ignition Temp.: Not determined

Decomposition Temp.: Not determined

Kinematic Viscosity: 750,000 cps

Dynamic Viscosity: Not determined

Explosive Properties: Not determined

Oxidizing Properties: Not determined

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions.

10.2 Chemical Stability:

Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions:

None under normal processing.

Hazardous Polymerization:

Will not polymerize

10.4 Conditions to Avoid:

Avoid heat, sparks, open flames and other ignition sources. Avoid contact with incompatible materials.

10.5 Incompatible Materials:

Strong acids. Strong oxidizing agents.

10.6 Hazardous Decomposition Products:

Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Likely Routes of Exposure:

Eye Contact:

Avoid eye contact

Skin Contact:

May be harmful in contact with skin

Inhalation:

Do not inhale

Ingestion:

May be harmful if swallowed

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11.2 Component Information:

Component	CAS No.	Results	Species	Dose	Exposure
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=3,750 mg/kg >2 g/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=2,413 mg/kg =7,460 µL/kg	N/A
Proprietary	Proprietary	LD50 Oral LD50 Dermal	Rat Rabbit	=2,413 mg/kg =7,460 µL/kg	N/A
Proprietary	Proprietary	LD50 Oral LD50 Dermal	Rat Rabbit	=4,600 mg/kg >5 g/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	20,000 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	>2,325 mg/kg	N/A
Proprietary	Proprietary	LC50 Inhalation	Rat	=500 mg/m3	N/A

Information on physical, chemical, and toxicological effects

Symptoms: Please see Section 4 of the SDS for symptoms

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion/Irritation: Causes skin irritation

Serious Eye Causes serious eye irritation

Damage/Irritation:

Sensitization: May cause an allergic skin reaction.

Carcinogenicity: Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral): 4,086.00 mg/kg

ATEmix (dermal): 3,098.00 mg/kg

ATEmix (inhalation-dust/mist): 5.1 mg/L

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity:	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
12.2 Persistence and Degradability:	Not determined
12.3 Bioaccumulation:	Not determined
12.4 Mobility:	Not determined
12.5 Other Adverse Effects:	Not determined

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Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

Acute Health Hazard: No

Chronic Health Hazard: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

US State Right-to-Know Regulations

Chemical Component	CAS No.	New Jersey	Massachusetts	Pennsylvania
Proprietary	Proprietary	X	X	X

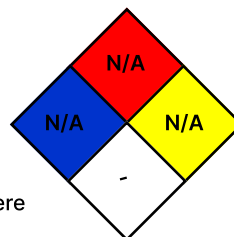
SECTION 16 - OTHER INFORMATION

Issue Date: 03/5/2018
Revision Date: 03/8/2018
Revision No: 1

NFPA Ratings:

Health: N/A
Fire: N/A
Reactivity: N/A

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe



HMIS III:

HEALTH (N/A)
FLAMMABILITY (N/A)
PHYSICAL HAZARD (N/A)

0 = Not Significant,
1 = Slight,
2 = Moderate,
3 = High,
4 = Extreme,
* = Chronic

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Key/Legend:

AICS (Australia); DSL (Canada); IECSC (China); REACH (European Union); ENCS (Japan); ISHL (Japan); KECI (Korea); NZIoC (New Zealand); PICCS (Philippines); TCSI (Taiwan); TSCA (USA); ACGIH – USA. ACGIH Threshold Limit Values (TLV); NIOSH REL – USA. NIOSH Recommended Exposure Limits; OSHA P0 – USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000; OSHA Z-1 – USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminates; OSHA Z-3 – USA. Occupational Exposure Limits (OSHA) – Table Z-3 Mineral Dusts; ACGIH / TWA – 8-hour, time-weighted average; NIOSH REL / TWA – Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek; NIOSH REL / ST – STEL – 15-minute TWA exposure that should not be exceeded at any time during a workday; OSHA P0 / TWA - 8-hour, time-weighted average; OSHA Z-1 / TWA - 8-hour, time-weighted average; OSHA Z-3 / TWA - 8-hour, time-weighted average

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.