

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 1 of 11

Gold Evolution EXT - Part A

SECTION 1: Identification

Product Identifier

Product Name: Gold Evolution EXT - Part A

Synonyms: Gold Evolution EXT - Part A (250 ml Cartridge)

Product code: 200-30070

The logo for Superior, featuring the word "Superior" in a stylized, cursive font with a red star above the letter 'i'.

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Adhesive and Filler

Uses Advised Against: None Known

Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:

United States

Superior Stone Products, LLC
8580 Byron Commerce Drive SW
Byron Center, Michigan 49315
616-583-0171
sds@superiorstoneproducts.com
www.superiorstoneproducts.com

Emergency Telephone Number:

United States

Chemtrec
1-800-262-8200 (24 Hours a Day/7 Days a Week)

SECTION 2: Hazard(s) Identification

GHS Classification:

Flammable liquids, category 2

Skin irritation, category 2

Skin sensitization, category 1

Specific target organ toxicity - single exposure, category 3, respiratory tract irritation

Label elements

Hazard Pictograms:



Signal Word: Danger

Hazard statements:

H225 Highly flammable liquid and vapor

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H335 May cause respiratory irritation

Precautionary Statements:

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P261 Avoid breathing dust, fumes, gas, mist, vapors or spray.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 2 of 11

Gold Evolution EXT - Part A

P272 Contaminated work clothing must not be allowed out of the workplace
P271 Use only outdoors or in a well-ventilated area
P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P233 Keep container tightly closed
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical, ventilating, and lighting equipment.
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).
P332+P313 If skin irritation occurs: Get medical advice or attention.
P362 Take off contaminated clothing and wash it before reuse
P333+P313 If skin irritation or rash occurs: Get medical advice or attention.
P363 Wash contaminated clothing before reuse
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 Call a doctor if you feel unwell.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P370+P378 In case of fire: Use agents recommended in Section 5 to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed
P405 Store locked up
P403+P235 Store in a well-ventilated place. Keep cool
P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 80-62-6	Methyl methacrylate	45-50

Additional Information: None

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Show this Safety Data Sheet to the doctor in attendance.

After Inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 3 of 11

Gold Evolution EXT - Part A

After Swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Skin contact may result in redness, pain, burning and inflammation.

Dermal exposure may cause an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis.

Inhalation may have adverse effects on the respiratory tract. Symptoms may include cough, breathing difficulties, sore throat and inflammation of the mucous membrane lining the respiratory tract.

Product is highly flammable. Exposure to sources of ignition may cause physical injury.

Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time).

Immediate Medical Attention and Special Treatment

Specific Treatment:

If respiratory symptoms persist, seek medical attention.

Skin/eye burns require immediate treatment.

Notes for the Doctor:

Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Highly flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation.

Special Protective Equipment for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 4 of 11

Gold Evolution EXT - Part A

handle damaged containers unless specialized to do so.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. All equipment used when handling the product must be grounded. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges. Handle containers with caution. Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Do not store in temperatures greater than 100°F
Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	Methyl methacrylate	80-62-6	8-Hour TWA-PEL: 410 mg/m ³ (100 ppm)
NIOSH	Methyl methacrylate	80-62-6	REL-TWA: 410 mg/m ³ ([100 ppm] Up to 10 hr)
	Methyl methacrylate	80-62-6	IDLH: 1000 ppm
ACGIH	Methyl methacrylate	80-62-6	8-Hour TWA: 50 ppm
	Methyl methacrylate	80-62-6	15-Minute STEL: 100 ppm
United States(California)	Methyl methacrylate	80-62-6	8-Hour TWA-PEL: 205 mg/m ³ (50 ppm)

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 5 of 11

Gold Evolution EXT - Part A

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Methyl methacrylate	80-62-6	15-Minute STEL: 410 mg/m ³ (100 ppm)

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	Yellowish White Paste
Odor	Acrid, Fruity
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	11°C (51.8°F) (closed cup)
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 6 of 11

Gold Evolution EXT - Part A

Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

SECTION 10: Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources, static electricity and incompatible materials. Vapor accumulation in low or confined areas.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Route	Result
Methyl methacrylate	oral	LD50 Rat: 7900 mg/kg
	dermal	LD50 Rabbit: >5000 mg/kg
	inhalation	LC50 Rat: 29.8 mg/L (4 hr [vapor])

Skin Corrosion/Irritation

Assessment:

Causes skin irritation.

Product Data:

No data available.

Substance Data:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 7 of 11

Gold Evolution EXT - Part A

Name	Result
Methyl methacrylate	Causes skin irritation.

Serious Eye Damage/Irritation

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Respiratory or Skin Sensitization

Assessment:

May cause an allergic skin reaction.

Product Data:

No data available.

Substance Data:

Name	Result
Methyl methacrylate	May cause an allergic skin reaction.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data: No data available.

International Agency for Research on Cancer (IARC):

Name	Classification
Methyl methacrylate	Group 3

National Toxicology Program (NTP):

Name	Classification
Methyl methacrylate	Not Applicable

OSHA Carcinogens: Not applicable

Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Reproductive Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)

Assessment:

May cause respiratory irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Methyl methacrylate	May cause respiratory irritation.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 8 of 11

Gold Evolution EXT - Part A

Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Methyl methacrylate	Fish LC50 Oncorhynchus mykiss: > 79 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 69 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: > 110 mg/L (72 hr [growth rate, biomass])

Chronic (Long-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Methyl methacrylate	Aquatic Invertebrates NOEC Daphnia magna: 37 mg/L (21 d [reproduction])
	Fish NOEC Danio rerio: 9.4 mg/L (35 d [hatching success, length and weight])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Methyl methacrylate	The substance is readily biodegradable. 94% degradation in water, measured by O2 consumption, after 14 days.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Methyl methacrylate	The substance is not expected to bioaccumulate (log Pow= 1.38 at 20 °C).

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 9 of 11

Gold Evolution EXT - Part A

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Methyl methacrylate	The substance is highly mobile, therefore adsorption to soil is not expected (log Koc=0.961).

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

Methyl methacrylate	The substance is not PBT.
---------------------	---------------------------

vPvB assessment:

Methyl methacrylate	The substance is not vPvB.
---------------------	----------------------------

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:


It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

Contaminated packages:


Not determined or not applicable.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	1133
UN Proper Shipping Name	Adhesives containing a flammable liquid
UN Transport Hazard Class(es)	3 
Packing Group	II
Environmental Hazards	None
Special Precautions for User	None
Passenger Air/Rail	5 L
Cargo Aircraft Only	60 L
Stowage Category	B

International Maritime Dangerous Goods (IMDG)

UN Number	1133
UN Proper Shipping Name	Adhesives containing flammable liquid
UN Transport Hazard Class(es)	3 
Packing Group	II
Environmental Hazards	None

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200


Initial Preparation Date: 11.24.2025

Page 10 of 11

Gold Evolution EXT - Part A

Special Precautions for User	None
EmS Number	F-E, S-D
Stowage Category	B
Excepted Quantities	E2
Limited Quantity	5 L

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	1133
UN Proper Shipping Name	Adhesives containing flammable liquid
UN Transport Hazard Class(es)	3 
Packing Group	II
Environmental Hazards	None
Special Precautions for User	None
ERG Code	3L
Excepted Quantities	E2
Passenger and Cargo	5 L
Cargo Aircraft Only	60 L
Limited Quantity	1 L

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals:

80-62-6	Methyl methacrylate	Listed
---------	---------------------	--------

CERCLA:

80-62-6	Methyl methacrylate	Listed	1000 lbs
---------	---------------------	--------	----------

RCRA:

80-62-6	Methyl methacrylate	Listed	U162
---------	---------------------	--------	------

Section 112(r) of the Clean Air Act (CAA):

80-62-6	Methyl methacrylate	Listed
---------	---------------------	--------

Massachusetts Right to Know:

80-62-6	Methyl methacrylate	Listed
---------	---------------------	--------

New Jersey Right to Know:

80-62-6	Methyl methacrylate	Listed
---------	---------------------	--------

New York Right to Know:

80-62-6	Methyl methacrylate	Listed
---------	---------------------	--------

Pennsylvania Right to Know:

80-62-6	Methyl methacrylate	Listed
---------	---------------------	--------

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 11.24.2025

Page 11 of 11

Gold Evolution EXT - Part A

California Proposition 65: None of the ingredients are listed.

Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

Initial Preparation Date: 11.24.2025

End of Safety Data Sheet