SAFETY DATA SHEET

MGO1391

GEMINI VANILLA

7/6/2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

MGO1391

1.2 Relevant identified uses of the substance or mixture and uses advised against

A protective and/or decorative finish or accompanying product (reference label or product data sheet for more information). Not recommended for any other use not detailed on product data sheet or label.

1.3 Details of the supplier of the safety data sheet

GEMINI COATINGS INC. (WEST BLDG)
2300 SW HOLLOWAY ST
El Reno, OK 730365773 US
(800) 262-5710
www.gemini-coatings.com

1.4 Emergency telephone number

INFOTRAC 800-535-5053 USA Only
352-323-3500 International (Outside of USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

2.2 Label elements

No Signal Word

2.3 Other hazards

2.4 Unknown Acute Toxicity (US)

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Chemical Name	CAS Number	Percentage	Classification
Dipropylene glycol	25265-71-8	80% - 100%	
Vanillin	121-33-5	7% - 13%	Aquatic Acute 3 Eye Irrit. 2B

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

After inhalation	Remove exposed individual to fresh air and assist breathing if necessary. Seek medical attention.
After skin contact	Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.
After eye contact	Flush eyes with lukewarm water for 15 minutes. Seek medical attention immediately.
After ingestion	Rinse mouth out immediately. Drink 1 or 2 glasses of water to dilute. DO NOT induce vomiting. Contact physician or poison control center immediately.

Self-protection of the first aider

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Alcohol Foam, CO_2, Dry Chemical
Unsuitable extinguishing media	

5.2 Special hazards arising from the substance or mixture

Keep containers tighly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containters may explode when exposed to extreme heat. Do not apply to hot surfaces. Never use welding or cutting torch on or near container (even empty) because product (even residue) may ignite explosively. Liquid and vapor states of this sibstance are dangerous fire hazards and moderate explosion when exposed to heat or flame.

Oxidation may produce carbon and nitrogen oxides.

5.3 Advice for firefighters

Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots and a positive pressure NIOSH-approved self-contained breathing apparatus. A water stream can scatter flames. A spray of water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

The National Fire Protection Association Class B extinguisher is designed to extinguish NFPA Class IB flammable liquid fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways.

If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and pollution control agencies.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Bond and ground metal containers when transferring liquid. Avoid free fall of liquid in excess of a few inches. Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this sheet must be observed.

7.2 Conditions for safe storage, including any incompatibilities

Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas.

7.3 Incompatibilites/Specific end uses(s)

Incompatibilities

Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Engineering Controls/Exposure Controls

Engineering controls

Environmental exposure controls

8.3 Protective Measures

Eye/face protection	Wear splash proof googles and face shield if there is a likelihood of contact with eyes.
Hand protection	
Other Skin protection	Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact.
Other protection	
Respiratory protection	If exposure exceeds TLV or PELs, use NIOSH approved respirator to prevent overexposure.
General hygiene consideration	Wash hands thoroughly before eating or using the restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

Thermal hazards

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Autoignition Temp	350.00 °C	Densities	8.5627
Density	8.56	Flash Points	120.00 °C
Physical State	LIQUID	Solids Vol%	100.00
Specific Gravity	1.0267	State of Matter	Liquid
Upper/lower flammability range	0 - 0 vol %		

9.2 Other information

SECTION 10: Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Strong oxidizing agents, strong alkalines, strong mineral acids.

high heat, sparks, flames, static discharge.

10.5 Incompatible materials

10.6 Hazardous decomposition products

Oxidation may produce carbon oxides.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin contact	Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, cracks, and dermititis.
Eye contact	Can cause irritation, redness, tearing and blurred vision.
Inhalation	Inhalation: Excessive inhalation of vapors can cause nasal and repiratory irritation, dizziness, weakness, fatigue, nausea, headache possible unconsciousness and even asphyxiation. High vapor concentrations or porlonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.
Ingestion	Can cause vomiting, nausea, diarrhea, and gastrointestinal irritation.
Symptoms related to characterics	
Acute effects	
Chronic effects	

Numerical measures of Toxicity

Vanillin (121-33-5)

LD50 Dermal RABBIT	> 5010 mg/kg 40% suspension in cor	OECD_SIDS
LD50 Ingestion RAT	= 3978 mg/kg	ECHA_API

Dipropylene glycol (25265-71-8)

LD50 Ingestion RAT	= 14850 mg/kg	NLM_CIP
LD50 Dermal RABBIT	> 5010 mg/kg no deaths occurred	ECHA
LC50 Inhalation RAT	> 2.34 mg/L no deaths occurred	ECHA_API

Skin corrosion/irritation	
Serious eye damage/eye irritation	
Respiratory sensitization	
Skin sensitization	
Carcinogenicity	The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).
Germ cell mutagenicity	
Reproductive toxicity	
Specific target organ toxicity - single exposure	
Specific target organ toxicity - repeated exposure	
Aspiration hazard	

SECTION 12: Ecological information

12.1 Toxicity

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

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12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

12.7 Additional Information

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Handling for disposal	Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations. See Section 8 for information on exposure control and necessary personal protective equipment.
Methods of disposal	
Contaminated packaging	

SECTION 14: Transport Information

14.1 UN number	UN1263
14.2 UN proper shipping name	UN1263, PAINT, 3, PG II
14.3 Transport hazard class(es)	3
14.4 Packing group	II

14.5 Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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Inventory - United States - Section 8(b) Inventory (TSCA)

121-33-5 (Vanillin)
25265-71-8 (Dipropylene glycol)

Canada - Domestic Substance List (DSL)

121-33-5 (Vanillin)
25265-71-8 (Dipropylene glycol)

15.2 Chemical Safety Assessment

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

2 - Hazardous

3 - Below 100°F

0-Stable, even under fire conditions and will not re-act with water, etc.

X- Ask Supervisor or Safety Specialist for Handling Instructions

SECTION 16: Other information

N/A

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