



SAFETY DATA SHEET

ISOLATION COATING PART B

7/29/2025

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

1.1 Product Identifier

CG0275

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.
2300 Sw Holloway St
El Reno, OK 73036-5773 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

Carc. 2; STOT SE 3

2.2 Label elements



Flammable

Toxic

Irritant

Health Hazard

H335-May cause respiratory irritation
H336-May cause drowsiness or dizziness
H351-Suspected of causing cancer

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Prevention

- P201-Obtain special instructions before use.
- P202-Do not handle until all safety precautions have been read and understood.
- P261-Avoid breathing dust/fume/gas/mist/vapours/spray.
- P271-Use only outdoors or in a well-ventilated area.
- P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response

- P304+P340-IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
- P308+P313-IF exposed or concerned: Get medical advice/attention.
- P312-Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

- P403+P233-Store in a well-ventilated place. Keep container tightly closed.
- P405-Store locked up.

Disposal

- P501-Dispose of contents and container to a licensed chemical disposal agency in accordance with local, regional and national regulations.

2.3 Other hazards

2.4 Unknown Acute Toxicity (US)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical Name	CAS Number	Percentage	Classification
Ethyl acetate	141-78-6	5% - 10%	Eye Irrit. 2 Flam. Liq. 2 STOT SE 3
Benzene, 2,4-diisocyanato-1-me	26006-20-2	10% - 30%	
n-Butyl acetate	123-86-4	10% - 30%	Flam. Liq. 3 STOT SE 3
PROPRIETARY	PROPRIETARY	10% - 30%	
Triethyl orthoformate	122-51-0	1% - 5%	
2-Pentanone, 4-methyl-	108-10-1	7% - 13%	Carc. 2 Eye Irrit. 2 Flam. Liq. 2 STOT SE 3
Benzene, 2,4-diisocyanato-1-me	584-84-9	Less than 0.1%	Aquatic Chronic 3 Carc. 2 Skin Irrit. 2 Eye Irrit. 2 Resp. Sens. 1 Asphyxiant 1 Skin Sens. 1 STOT SE
Benzene, 1,3-diisocyanato-2-me	91-08-7	Less than 0.1%	Aquatic Chronic 3 Carc. 2 Skin Irrit. 2 Eye Irrit. 2 Resp. Sens. 1 Asphyxiant 1 Skin Sens. 1 STOT SE

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. Vapor or mist can cause headache, nausea and irritation of the nose, throat and lungs in poorly ventilated areas.

After skin contact

Irritating to the skin on repeated or prolonged contact. Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.

After eye contact

Direct contact may cause eye irritation. Flush eyes with lukewater water for 15 minutes. Seek medical attention immediately.

After ingestion

Can cause gastrointestinal irritation. Rinse mouth out immediately. 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

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Alcohol Foam, CO2, Dry Chemical

Unsuitable extinguishing media

5.2 Special hazards arising from the substance or mixture

Closed containers exposed to extreme heat may rupture due to pressure buildup. Product will not burn but may spatter if temperature exceeds boiling point of product.

Dried finish can burn, giving off oxides of carbon.

5.3 Advice for firefighters

None known. However, fire fighters should wear self-contained breathing apparatus to avoid inhalation if material is involved in a general fire.

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

Keep out of sewers. Dike spill area and add absorbent earth, sand or sawdust to spilled liquid. Collect absorbent/spilled liquid into metal containers. Dispose of in accordance with local, state and federal regulations. DO NOT incinerate closed containers. Incinerate in approved facilities. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned and destroyed.

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.

** Keep temperature above 32 Degrees F.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed when not in use. 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. KEEP FROM FREEZING.

7.3 Incompatibilities/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

Avoid prolonged or repeated breathing of vapors.

Environmental exposure controls

Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below applicable exposure limits.

8.3 Protective Measures

Eye/face protection

Wear splash proof goggles and face shield if there is a likelihood of contact with eyes. Provide eyewash station and emergency shower. Use of protective creams, head caps, ets. is recommended.

Hand protection

Polyethylene handling gloves for skin protection. Must be impervious to water and soap.

Other Skin protection

Polyethylene handling gloves for skin protection. Must be impervious to water and soap.

Other protection

Respiratory protection

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

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Autoignition Temp	425 °C	Coating VOC Lbs/Gal	0.04 lbg
Coating VOC grams/liter	5.20 g/l	Densities	8.9038
Density	8.58 lbg	Flash Points	-4 °C
Lbs HAPs / Gallon	1.04 lbg	Material VOC Lbs/Gal	0.04 lbg
Material VOC grams/liter	5.20 g/l	Physical State	LIQUID
Solids Vol%	99.43 %	Specific Gravity	1.0676
State of Matter	Liquid	Upper/lower flammability range	0 - 0 vol %
Weight of VOC	4.30 LB		

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

Excessive heat, poor ventilation, excessive aging.

10.5 Incompatible materials

10.6 Hazardous decomposition products

Thermal decomposition or combustion can produce fumes of carbon dioxide and carbon monoxide.

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 dermatitis.

Eye contact

Can cause irritation, redness, tearing and blurred vision.

Inhalation

Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Breathing high vapor concentrations may produce narcosis. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentration and inhaling the contents may be harmful or fatal.

Ingestion

Can cause vomiting, nausea, diarrhea, and gastrointestinal irritation.

Symptoms related to characteristics

Acute effects

Chronic effects

Numerical measures of Toxicity

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2-Pentanone, 4-methyl- (108-10-1)		
LC50 Inhalation RAT	2000 - 4000 ppm	EU_CLH
LD50 Dermal RABBIT	= 3000 mg/kg	JAPAN_GHS
LD50 Ingestion RAT	= 2080 mg/kg	JAPAN_GHS
Triethyl orthoformate (122-51-0)		
LD50 Ingestion RAT	3.2 - 6.4 g/kg	JAPAN_GHS
LD50 Dermal RABBIT	= 18000 mg/kg	ECHA_API
LC50 Inhalation RAT	= 24750 mg/m3	ECHA_API
n-Butyl acetate (123-86-4)		
LC50 Inhalation RAT	= 0.74 mg/L	ECHA
LD50 Dermal RABBIT	> 17600 mg/kg	NLM_CIP
LD50 Ingestion RAT	= 10768 mg/kg	NLM_CIP
Ethyl acetate (141-78-6)		
LD50 Ingestion RAT	= 5620 mg/kg	NLM_CIP
LD50 Dermal RABBIT	> 18000 mg/kg	JAPAN_GHS
LC50 Inhalation RAT	= 4000 ppm	NLM_HSDB
Benzene, 2,4-diisocyanato-1-me (584-84-9)		
LC50 Inhalation RAT	= 14 ppm	NLM_CIP
LD50 Dermal RABBIT	> 16000 mg/kg	NIOSH
LD50 Ingestion RAT	= 5800 mg/kg	JAPAN_GHS

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

2-Pentanone, 4-methyl- (108-10-1)		
EC50	= 170 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Ethyl acetate (141-78-6)		
EC50	= 560 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	EPA

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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

Methods of 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.

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

US - California - Proposition 65 - Development Toxicity

108-10-1 (2-Pentanone, 4-methyl-)

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

584-84-9 (Benzene, 2,4-diisocyanato-1-me)

91-08-7 (Benzene, 1,3-diisocyanato-2-me)

SARA313

108-10-1 (2-Pentanone, 4-methyl-)

584-84-9 (Benzene, 2,4-diisocyanato-1-me)

91-08-7 (Benzene, 1,3-diisocyanato-2-me)

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

108-10-1 (2-Pentanone, 4-methyl-)

122-51-0 (Triethyl orthoformate)

123-86-4 (n-Butyl acetate)

141-78-6 (Ethyl acetate)

26006-20-2 (Benzene, 2,4-diisocyanato-1-me)

584-84-9 (Benzene, 2,4-diisocyanato-1-me)

91-08-7 (Benzene, 1,3-diisocyanato-2-me)

US - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

584-84-9 (Benzene, 2,4-diisocyanato-1-me)

VHAPS

108-10-1 (2-Pentanone, 4-methyl-)

584-84-9 (Benzene, 2,4-diisocyanato-1-me)

U.S. - CAA (Clean Air Act) - Volatile Organic Compounds (VOCs) in SOCM1

108-10-1 (2-Pentanone, 4-methyl-)

122-51-0 (Triethyl orthoformate)

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- 123-86-4 (n-Butyl acetate)
- 141-78-6 (Ethyl acetate)
- 584-84-9 (Benzene, 2,4-diisocyanato-1-me)

Canada - Domestic Substance List (DSL)

- 108-10-1 (2-Pentanone, 4-methyl-)
- 122-51-0 (Triethyl orthoformate)
- 123-86-4 (n-Butyl acetate)
- 141-78-6 (Ethyl acetate)
- 26006-20-2 (Benzene, 2,4-diisocyanato-1-me)
- 584-84-9 (Benzene, 2,4-diisocyanato-1-me)
- 91-08-7 (Benzene, 1,3-diisocyanato-2-me)

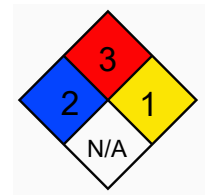
United States of America

US - California - Proposition 65 - Carcinogens List

Yes

15.2 Chemical Safety Assessment

HEALTH	* 2	2 - Hazardous
FLAMMABILITY	3	3 - Below 100°F
PHYSICAL HAZARD	1	1-Normally stable, but can become unstable at high temperatures and pressures.
PERSONAL PROTECTION	X	X- Ask Supervisor or Safety Specialist for Handling Instructions



SECTION 16: Other information

N/A