



SAFETY DATA SHEET

28032

PICKLING WHITE

5/18/2026

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

1.1 Product Identifier

28032

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

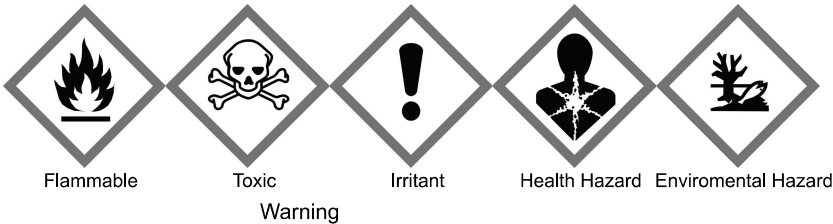
INFOTRAC 800-535-5053 USA Only
352-323-3500 International (Outside of USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Carc. 1; Flam. Liq. 2; Muta. 1; Repr. 2; STOT RE 1; STOT SE 1

2.2 Label elements



H225-Highly flammable liquid and vapour.

H340-May cause genetic defects.

H350-May cause cancer.

H361-Suspected of damaging fertility or the unborn child.

H370-Causes damage to organs.

H372-Causes damage to organs through prolonged or repeated exposure.

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Prevention

- P201-Obtain special instructions before use.
- P202-Do not handle until all safety precautions have been read and understood.
- P210-Keep away from heat, sparks, open flames, and other ignition sources. No smoking.
- P233-Keep container tightly closed.
- P240-Ground/bond container and receiving equipment.
- P241-Use explosion-proof electrical/ventilating/lighting/and all material-handling equipment.
- P242-Use only non-sparking tools.
- P243-Take precautionary measures against static discharge.
- P260-Do not breathe dust/fume/gas/mist/vapours/spray.
- P264-Wash skin thoroughly after handling.
- P270-Do not eat, drink or smoke when using this product.
- P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response

- P303+P361+P353-IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.
- P308+P311-IF exposed or concerned
- P308+P313-IF exposed or concerned: Get medical advice/attention.
- P314-Get medical advice/attention if you feel unwell.
- P321-Specific treatment (see First Aid section on this label)
- P370+P378-In case of fire: Use the National Fire Protection Association Class B extinguisher for extinction.

Storage

- P403+P235-Store in a well-ventilated place. Keep cool.
- 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

3.1 Substances

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3.2 Mixtures

Chemical Name	CAS Number	Percentage	Classification
PROPRIETARY	PROPRIETARY	5% - 10%	
2-Butoxyethanol	111-76-2	1% - 5%	Acute Tox. 4 Carc. 2 Skin Irrit. 2 Eye Irrit. 2A Flam. Liq. 4 Repr. 2 STOT RE 1 STOT SE 1
Naphthalene	91-20-3	1% - 5%	Aquatic Acute 1 Aquatic Chronic 1 Carc. 2 Eye Irrit. 2B Flam. Sol. 2 Skin Sens. 1 STOT RE 1 STOT SE
Solvent naphtha, petroleum, he	64742-94-5	15% - 40%	Aquatic Acute 1 Aquatic Chronic 1 Asp. Tox. 1 Skin Irrit. 2 Flam. Liq. 4 STOT SE 3
Stoddard solvent	8052-41-3	10% - 30%	Aquatic Acute 1 Aquatic Chronic 1 Asp. Tox. 1 Carc. 1B Skin Irrit. 2 Flam. Liq. 2 Muta. 1B STOT RE 1
Propylene glycol monomethyl et	108-65-6	1% - 5%	Eye Irrit. 2B Flam. Liq. 3 STOT SE 3
Benzene, 1,2,4-trimethyl-	95-63-6	1% - 5%	Aquatic Acute 2 Aquatic Chronic 2 Asp. Tox. 1 Skin Irrit. 2 Eye Irrit. 2 Flam. Liq. 3 STOT RE 1 STOT
Titanium dioxide	13463-67-7	7% - 13%	Aquatic Chronic 4 Carc. 2 STOT RE 1
Silica, amorphous, fumed, crys	112945-52-5	1% - 5%	
Resin acids and rosin acids, m	94581-16-5	0.1% - 1%	
n-Butyl acetate	123-86-4	0.1% - 1%	Aquatic Acute 3 Eye Irrit. 2B Flam. Liq. 2 STOT SE 3
Xylenes (o-, m-, p- isomers)	1330-20-7	Less than 0.1%	Aquatic Acute 2 Aquatic Chronic 2 Asp. Tox. 1 Skin Irrit. 2 Flam. Liq. 3 Repr. 1B STOT RE 1 STOT SE
Ethylbenzene	100-41-4	Less than 0.1%	Aquatic Acute 1 Aquatic Chronic 2 Asp. Tox. 1 Carc. 2 Skin Irrit. 2 Eye Irrit. 2A Flam. Liq. 2 Repr.

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

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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

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers 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 substance 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 Incompatibilities/Specific end uses(s)

Incompatibilities

Specific end use(s)

SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

Ethylbenzene(100-41-4)

OSHA PEL	100 ppm
OSHA PEL	435 mg/m3
ACGIH TLV	20 ppm
NIOSH	435 mg/m3
NIOSH	100 ppm
QUEBEC	20 ppm
ONTARIO	20 ppm
BRITISH COLUMBIA	20 ppm

Propylene glycol monomethyl et(108-65-6)

BRITISH COLUMBIA	50 ppm
ONTARIO	50 ppm
ONTARIO	270 mg/m3

2-Butoxyethanol(111-76-2)

ONTARIO	20 ppm
BRITISH COLUMBIA	20 ppm
QUEBEC	20 ppm
NIOSH	5 ppm
NIOSH	24 mg/m3
ACGIH TLV	20 ppm
OSHA PEL	50 ppm
OSHA PEL	240 mg/m3

n-Butyl acetate(123-86-4)

OSHA PEL	150 ppm
OSHA PEL	710 mg/m3
ACGIH TLV	50 ppm
NIOSH	710 mg/m3
QUEBEC	50 ppm
BRITISH COLUMBIA	50 ppm
ONTARIO	50 ppm
NIOSH	150 ppm

Xylenes (o-, m-, p- isomers)(1330-20-7)

ONTARIO	100 ppm
QUEBEC	100 ppm
QUEBEC	434 mg/m3
ACGIH TLV	20 ppm
OSHA PEL	100 ppm
OSHA PEL	435 mg/m3

Titanium dioxide(13463-67-7)

OSHA PEL	10 mg/m3
ACGIH TLV	2.5 mg/m3
ACGIH TLV	0.2 mg/m3
QUEBEC	10 mg/m3
NIOSH	2.4 mg/m3
NIOSH	0.3 mg/m3
ONTARIO	10 mg/m3
BRITISH COLUMBIA	10 mg/m3
BRITISH COLUMBIA	3 mg/m3

Stoddard solvent(8052-41-3)

BRITISH COLUMBIA	290 mg/m3
ONTARIO	525 mg/m3
NIOSH	350 mg/m3
QUEBEC	100 ppm
QUEBEC	525 mg/m3

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ACGIH TLV	100 ppm
OSHA PEL	500 ppm
OSHA PEL	2900 mg/m3

Naphthalene(91-20-3)

OSHA PEL	50 mg/m3
OSHA PEL	10 ppm
ACGIH TLV	10 ppm
QUEBEC	10 ppm
NIOSH	50 mg/m3
NIOSH	10 ppm
ONTARIO	10 ppm
BRITISH COLUMBIA	10 ppm

Benzene, 1,2,4-trimethyl-(95-63-6)

NIOSH	125 mg/m3
NIOSH	25 ppm
ACGIH TLV	10 ppm

8.2 Engineering Controls/Exposure Controls

Engineering controls

Environmental exposure controls

8.3 Protective Measures

Eye/face protection

Wear splash proof goggles 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	0.00 °C	Coating VOC Lbs/Gal	6.35
Coating VOC grams/liter	761.33	Densities	8.0181
Density	8.02	Flash Points	-30.00 °C
Lbs HAPs / Gallon	0.33	Material VOC Lbs/Gal	6.35
Material VOC grams/liter	761.33	Physical State	LIQUID
Solids Vol%	10.76	Specific Gravity	0.9614
State of Matter	Liquid	Upper/lower flammability range	0 - 0 vol %
Weight of VOC	635.47		

9.2 Other information

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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 dermatitis.

Eye contact

Can cause irritation, redness, tearing and blurred vision.

Inhalation

Inhalation:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache possible unconsciousness and even asphyxiation. High vapor concentrations or prolonged 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 characteristicstics

Acute effects

Chronic effects

Numerical measures of Toxicity

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Ethylbenzene (100-41-4)

LC50 Inhalation RAT	= 17.4 mg/L	OECD_SIDS
LD50 Dermal RABBIT	= 15400 mg/kg	JAPAN_GHS
LD50 Ingestion RAT	= 3500 mg/kg	JAPAN_GHS

Propylene glycol monomethyl et (108-65-6)

LD50 Ingestion RAT	= 8532 mg/kg	NLM_CIP
LD50 Dermal RABBIT	> 5 g/kg	NLM_CIP
LC50 Inhalation RAT	= 16000 mg/m3	AU_WES

2-Butoxyethanol (111-76-2)

LC50 Inhalation RAT	= 450 ppm females	NLM_PUBMED
LD50 Dermal RABBIT	> 2000 mg/kg	OECD_SIDS
LD50 Ingestion RAT	= 470 mg/kg	NLM_CIP

Silica, amorphous, fumed, crys (112945-52-5)

LD50 Ingestion RAT	= 3160 mg/kg	NLM_CIP
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n-Butyl acetate (123-86-4)

LD50 Ingestion RAT	= 10768 mg/kg	NLM_CIP
LD50 Dermal RABBIT	> 17600 mg/kg	NLM_CIP
LC50 Inhalation RAT	= 0.74 mg/L	ECHA

Xylenes (o-, m-, p- isomers) (1330-20-7)

LC50 Inhalation RAT	= 29.08 mg/L	JAPAN_GHS
LD50 Dermal RABBIT	> 4350 mg/kg	JAPAN_GHS
LD50 Ingestion RAT	= 3500 mg/kg	JAPAN_GHS

Titanium dioxide (13463-67-7)

LD50 Ingestion RAT	> 2000 mg/kg no deaths occurred	ECHA
LC50 Inhalation RAT	> 5.09 mg/L no deaths occurred	ECHA_API

Solvent naphtha, petroleum, he (64742-94-5)

LC50 Inhalation RAT	> 590 mg/m3	NLM_CIP
LD50 Dermal RABBIT	> 2000 mg/kg	ECHA_API
LD50 Ingestion RAT	> 5000 mg/kg	IUCLID

Stoddard solvent (8052-41-3)

LD50 Dermal RABBIT	> 3000 mg/kg	ECHA_API
LC50 Inhalation RAT	> 5.5 mg/L no deaths occurred	ECHA_API

Naphthalene (91-20-3)

LC50 Inhalation RAT	> 0.4 mg/L no deaths occurred	ECHA_API
LD50 Dermal RABBIT	= 1120 mg/kg	NZ_CCID
LD50 Ingestion RAT	= 1110 mg/kg	JAPAN_GHS

Resin acids and rosin acids, m (94581-16-5)

LD50 Dermal RAT	> 2000 mg/kg	ECHA_API
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Benzene, 1,2,4-trimethyl- (95-63-6)

LD50 Dermal RAT	> 2000 mg/kg	ECHA_API
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LD50 Dermal RAT	> 3440 mg/kg no deaths occurred	ECHA
LC50 Inhalation RAT	= 18 g/m3	NLM_CIP
LD50 Ingestion RAT	= 3280 mg/kg	NZ_CCID

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.

Ethylbenzene (100-41-4)

EC50	1.8 - 2.4 m (48 h; DAPHNIAMAGNA;(daphnia magna))	IUCLID
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Propylene glycol monomethyl et (108-65-6)

EC50	> 500 mg/L (48 h; DAPHNIAMAGNA;(daphnia magna))	IUCLID
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2-Butoxyethanol (111-76-2)

EC50	> 1000 mg/L (48 h; DAPHNIAMAGNA;(daphnia magna))	EPA
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Solvent naphtha, petroleum, he (64742-94-5)

EC50	= 0.95 mg/L (48 h; DAPHNIAMAGNA;(daphnia magna))	IUCLID
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Naphthalene (91-20-3)

EC50	= 1.96 mg/L (48 h; DAPHNIAMAGNA;(daphnia magna))	EPA
LC50	= 2.16 mg/L (48 h; DAPHNIAMAGNA;(daphnia magna))	IUCLID

Benzene, 1,2,4-trimethyl- (95-63-6)

EC50	= 6.14 mg/L (48 h; DAPHNIAMAGNA;(daphnia magna))	IUCLID
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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

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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

3

SARA313

- 100-41-4 (Ethylbenzene)
- 1330-20-7 (Xylenes (o-, m-, p- isomers))
- 91-20-3 (Naphthalene)
- 95-63-6 (Benzene, 1,2,4-trimethyl-)

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

- 100-41-4 (Ethylbenzene)
- 108-65-6 (Propylene glycol monomethyl et)
- 111-76-2 (2-Butoxyethanol)
- 123-86-4 (n-Butyl acetate)
- 1330-20-7 (Xylenes (o-, m-, p- isomers))
- 13463-67-7 (Titanium dioxide)
- 64742-94-5 (Solvent naphtha, petroleum, he)
- 8052-41-3 (Stoddard solvent)
- 91-20-3 (Naphthalene)
- 95-63-6 (Benzene, 1,2,4-trimethyl-)

CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

- 100-41-4 (Ethylbenzene)
- 1330-20-7 (Xylenes (o-, m-, p- isomers))
- 91-20-3 (Naphthalene)

VHAPS

- 100-41-4 (Ethylbenzene)
- 1330-20-7 (Xylenes (o-, m-, p- isomers))
- 91-20-3 (Naphthalene)

VOC

- 100-41-4 (Ethylbenzene)
- 108-65-6 (Propylene glycol monomethyl et)
- 111-76-2 (2-Butoxyethanol)
- 123-86-4 (n-Butyl acetate)
- 1330-20-7 (Xylenes (o-, m-, p- isomers))
- 8052-41-3 (Stoddard solvent)

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- 91-20-3 (Naphthalene)
- 95-63-6 (Benzene, 1,2,4-trimethyl-)

US - California - Proposition 65 - Carcinogens List

- 100-41-4 (Ethylbenzene)
- 13463-67-7 (Titanium dioxide)
- 91-20-3 (Naphthalene)

Canada - Domestic Substance List (DSL)

- 100-41-4 (Ethylbenzene)
- 108-65-6 (Propylene glycol monomethyl et)
- 111-76-2 (2-Butoxyethanol)
- 112945-52-5 (Silica, amorphous, fumed, crys)
- 123-86-4 (n-Butyl acetate)
- 1330-20-7 (Xylenes (o-, m-, p- isomers))
- 13463-67-7 (Titanium dioxide)
- 64742-94-5 (Solvent naphtha, petroleum, he)
- 8052-41-3 (Stoddard solvent)
- 91-20-3 (Naphthalene)
- 95-63-6 (Benzene, 1,2,4-trimethyl-)

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

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