SAFETY DATA SHEET

BURNT UMBER STAIN

8/8/2025

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

1.1 Product Identifier

17-615

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. 1; Muta. 1; STOT SE 3

2.2 Label elements

Flammable Irritant Health Hazard

H335-May cause respiratory irritation
H336-May cause drowsiness or dizziness
H340-May cause genetic defects
H350-May cause cancer

Prevention

P261-Avoid breathing dust/fume/gas/mist/vapours/spray.

P271-Use only outdoors or in a well-ventilated area.

Response

P304+P340-IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

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

P201-Obtain special instructions before use.

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

3.2 Mixtures

Chemical Name	CAS Number	Percentage	Classification
Naphtha, petroleum, heavy alky	64741-65-7	3% - 7%	Asp. Tox. 1 Carc. 1B Muta. 1B
Solvent naphtha, petroleum, li	64742-95-6	30% - 60%	Asp. Tox. 1 Carc. 1B Muta. 1B
Benzene, 1,2,4-trimethyl-	95-63-6	10% - 30%	Aquatic Chronic 2 Skin Irrit. 2 Eye Irrit. 2 Flam. Liq. 3 STOT SE 3
Petroleum distillates, hydrotr	64742-47-8	1% - 5%	Asp. Tox. 1
PROPRIETARY	PROPRIETARY	7% - 13%	
Iron oxide (Fe2O3)	1309-37-1	1% - 5%	
Xylenes (o-, m-, p- isomers)	1330-20-7	1% - 5%	Skin Irrit. 2 Flam. Liq. 3
Solvent naphtha, petroleum, li	64742-89-8	1% - 5%	Asp. Tox. 1 Carc. 1B Muta. 1B
Anatase (TiO2)	1317-70-0	0.5% - 1.5%	
Isopropylbenzene	98-82-8	0.5% - 1.5%	Aquatic Chronic 2 Asp. Tox. 1 Carc. 1B Flam. Liq. 3 STOT SE 3
Talc (Mg3H2(SiO3)4)	14807-96-6	0.1% - 1%	
Quartz	14808-60-7	0.1% - 1%	
Manganese oxide (Mn3O4)	1317-35-7	0.1% - 1%	
Stoddard solvent	8052-41-3	0.1% - 1%	Asp. Tox. 1 Carc. 1B Muta. 1B STOT RE 1
Limestone	1317-65-3	0.1% - 1%	
Manganese oxide (Mn2O3)	1317-34-6	0.1% - 1%	
Fatty acids, C18, unsaturated,	162627-17-0	0.1% - 1%	
Ethylbenzene	100-41-4	0.1% - 1%	Asp. Tox. 1 Flam. Liq. 2 STOT RE 2
2-Propanol, 1-methoxy-	107-98-2	0.1% - 1%	Flam. Liq. 3 STOT SE 3
Naphthalene, 1,2,3,4-tetrahydr	119-64-2	0.1% - 1%	Aquatic Chronic 2 Skin Irrit. 2 Eye Irrit. 2
Carbon black	1333-86-4	0.1% - 1%	
Water	7732-18-5	0.1% - 1%	
Octane	111-65-9	Less than 0.1%	Aquatic Acute 1 Aquatic Chronic 1 Asp. Tox. 1 Skin Irrit. 2 Flam. Liq. 2 STOT SE 3
n-Heptane	142-82-5	Less than 0.1%	Aquatic Acute 1 Aquatic Chronic 1 Asp. Tox. 1 Skin Irrit. 2 Flam. Liq. 2 STOT SE 3
Methanol	67-56-1	Less than 0.1%	Acute Tox. 3 Flam. Liq. 2 STOT SE 1
Kaolin	1332-58-7	Less than 0.1%	

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

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 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 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 googles 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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Autoignition Temp	0 °C	Coating VOC Lbs/Gal	0.04 lbg
Coating VOC grams/liter	5.20 g/l	Densities	7.9772
Density	8.58 lbg	Flash Points	0 °C
Lbs HAPs / Gallon	0.26 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	0.9565
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 dermititis.

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 characterics tics

Acute effects

Chronic effects

Numerical measures of Toxicity

Ethylbenzene (100-41-4)		
LD50 Dermal RABBIT	= 15400 mg/kg	JAPAN_GHS
LD50 Ingestion RAT	= 3500 mg/kg	JAPAN_GHS
LC50 Inhalation RAT	= 17.4 mg/L	OECD_SIDS
2-Propanol, 1-methoxy- (107-98-2)		
LC50 Inhalation RAT	> 7559 ppm no deaths occurred	OECD_SIDS
LD50 Ingestion RAT	= 5000 mg/kg	JAPAN_GHS
LD50 Dermal RABBIT	= 13 g/kg	NLM_CIP
Octane (111-65-9)		
LC50 Inhalation RAT	> 24.88 mg/L no deaths occurred	ECHA_API
Naphthalene, 1,2,3,4-tetrahydr (119-64-2)		
LC50 Inhalation RAT	> 1.8 mg/L no deaths occurred	ECHA_API
LD50 Dermal RABBIT	= 16800 mg/kg	OECD_SIDS
LD50 Ingestion RAT	= 2860 mg/kg	OECD_SIDS
Iron oxide (Fe2O3) (1309-37-1)		
LD50 Ingestion RAT	> 10000 mg/kg no deaths occurred	ECHA
Manganese oxide (Mn3O4) (1317-35-7)		
LC50 Inhalation RAT	> 5.17 mg/L no deaths occurred	ECHA_API
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
Kaolin (1332-58-7)		
LD50 Ingestion RAT	> 5000 mg/kg no deaths occurred	NLM_HSDB
LD50 Dermal RAT	> 5000 mg/kg no deaths occurred	NLM_HSDB
Carbon black (1333-86-4)		
LD50 Dermal RABBIT	> 2000 mg/kg no deaths occurred	ECHA_API
LC50 Inhalation RAT	> 4.6 mg/m3 no deaths occurred	ECHA_API
LD50 Ingestion RAT	> 10000 mg/kg no deaths occurred	ECHA
n-Heptane (142-82-5)		
LD50 Ingestion MOUSE	= 5000 mg/kg	IUCLID
LC50 Inhalation RAT	> 29.29 mg/L no deaths occurred	ECHA
LD50 Dermal RABBIT	= 3000 mg/kg	IUCLID
Naphtha, petroleum, heavy alky (64741-65-7)		
LD50 Dermal RABBIT	> 2000 mg/kg	IUCLID
LC50 Inhalation RAT	> 5.04 mg/L	IUCLID
LD50 Ingestion RAT	> 7000 mg/kg	IUCLID
Petroleum distillates, hydrotr (64742-47-8)		
LD50 Ingestion RAT	> 5000 mg/kg	IUCLID
LC50 Inhalation RAT	> 5.2 mg/L	IUCLID

LD50 Dermal RABBIT	> 2000 mg/kg	NLM_CIP
Solvent naphtha, petroleum, li (64742-89-8)		
LD50 Dermal RABBIT	= 3000 mg/kg	IUCLID
LD50 Ingestion MOUSE	= 5000 mg/kg	IUCLID
Solvent naphtha, petroleum, li (64742-95-6)		
LD50 Ingestion RAT	= 8400 mg/kg	NLM_CIP
LD50 Dermal RABBIT	> 2000 mg/kg	IUCLID
LC50 Inhalation RAT	= 3400 ppm	IUCLID
Methanol (67-56-1)		
LC50 Inhalation RAT	= 22500 ppm	JAPAN_GHS
LD50 Dermal RABBIT	= 15840 mg/kg	NLM_HSDB
LD50 Ingestion RAT	= 6200 mg/kg	JAPAN_GHS
Water (7732-18-5)		
LD50 Ingestion RAT	> 90 mL/kg	FOOD_JOURN
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
Benzene, 1,2,4-trimethyl- (95-63-6)		
LC50 Inhalation RAT	= 18 g/m3	NLM_CIP
LD50 Dermal RAT	> 3440 mg/kg no deaths occurred	ECHA
LD50 Ingestion RAT	= 3280 mg/kg	NZ_CCID
Isopropylbenzene (98-82-8)		
LD50 Ingestion RAT	= 1400 mg/kg	JAPAN_GHS
LD50 Dermal RABBIT	= 12300 µL/kg	NLM_CIP
LC50 Inhalation RAT	> 3577 ppm	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

Ethylbenzene (100-41-4)		
EC50	1.8 - 2.4 m (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
2-Propanol, 1-methoxy- (107-98-2)		
EC50	= 23300 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Naphthalene, 1,2,3,4-tetrahydr (119-64-2)		
EC50	= 9.5 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID
Solvent naphtha, petroleum, li (64742-95-6)		
EC50	= 6.14 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
Isopropylbenzene (98-82-8)		
EC50	= 0.6 mg/L (48 h;DAPHNIAMAGNA;(daphnia magna))	IUCLID

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

67-56-1 (Methanol)

SARA313

100-41-4 (Ethylbenzene)
1330-20-7 (Xylenes (o-, m-, p- isomers))
98-82-8 (Isopropylbenzene)

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

100-41-4 (Ethylbenzene)
107-98-2 (2-Propanol, 1-methoxy-)
111-65-9 (Octane)
119-64-2 (Naphthalene, 1,2,3,4-tetrahydr)
1309-37-1 (Iron oxide (Fe2O3))
1317-34-6 (Manganese oxide (Mn2O3))
1317-35-7 (Manganese oxide (Mn3O4))
1317-65-3 (Limestone)
1317-70-0 (Anatase (TiO2))
1330-20-7 (Xylenes (o-, m-, p- isomers))
1332-58-7 (Kaolin)
1333-86-4 (Carbon black)
142-82-5 (n-Heptane)
14807-96-6 (Talc (Mg3H2(SiO3)4))
14808-60-7 (Quartz)
64741-65-7 (Naphtha, petroleum, heavy alky)
64742-47-8 (Petroleum distillates, hydrotr)
64742-89-8 (Solvent naphtha, petroleum, li)
64742-95-6 (Solvent naphtha, petroleum, li)
67-56-1 (Methanol)
7732-18-5 (Water)
8052-41-3 (Stoddard solvent)
95-63-6 (Benzene, 1,2,4-trimethyl-)
98-82-8 (Isopropylbenzene)

US - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
1330-20-7 (Xylenes (o-, m-, p- isomers))
67-56-1 (Methanol)
98-82-8 (Isopropylbenzene)

US - CERCLA/SARA - Section 313 - Emission Reporting
67-56-1 (Methanol)
95-63-6 (Benzene, 1,2,4-trimethyl-)

VHAPS
100-41-4 (Ethylbenzene)
1330-20-7 (Xylenes (o-, m-, p- isomers))
67-56-1 (Methanol)
98-82-8 (Isopropylbenzene)

U.S. - CAA (Clean Air Act) - Volatile Organic Compounds (VOCs) in SOCMI
100-41-4 (Ethylbenzene)
119-64-2 (Naphthalene, 1,2,3,4-tetrahydr)
1330-20-7 (Xylenes (o-, m-, p- isomers))
67-56-1 (Methanol)
98-82-8 (Isopropylbenzene)

Canada - Domestic Substance List (DSL)
100-41-4 (Ethylbenzene)
107-98-2 (2-Propanol, 1-methoxy-)
111-65-9 (Octane)
1309-37-1 (Iron oxide (Fe2O3))
1317-34-6 (Manganese oxide (Mn2O3))
1317-35-7 (Manganese oxide (Mn3O4))
1330-20-7 (Xylenes (o-, m-, p- isomers))
1332-58-7 (Kaolin)
1333-86-4 (Carbon black)
142-82-5 (n-Heptane)
14807-96-6 (Talc (Mg3H2(SiO3)4))
14808-60-7 (Quartz)
64741-65-7 (Naphtha, petroleum, heavy alky)
64742-47-8 (Petroleum distillates, hydrotr)
64742-89-8 (Solvent naphtha, petroleum, li)
64742-95-6 (Solvent naphtha, petroleum, li)
67-56-1 (Methanol)

7732-18-5 (Water)
8052-41-3 (Stoddard solvent)
95-63-6 (Benzene, 1,2,4-trimethyl-)
98-82-8 (Isopropylbenzene)

Non-Domestic Substances List (NDSL)

1317-65-3 (Limestone)
1317-70-0 (Anatase (TiO2))

United States of America	US - California - Proposition 65 - Carcinogens List	Yes

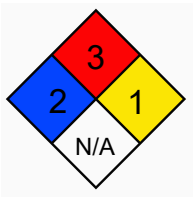
15.2 Chemical Safety Assessment

2 - Hazardous

3 - Below 100°F

1-Normally stable, but can become unstable at high temperatures and pressures.

X- Ask Supervisor or Safety Specialist for Handling Instructions



SECTION 16: Other information

N/A