SAFETY DATA SHEET

1. Identification

Product identifier	**Blackhawk 7500 Chassis Coating**
Other means of identification	None.
Recommended use	Not available.
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Company Name	ErgonArmor, a division of Ergon Asphalt & Emulsions, Inc.
Address	2829 Lakeland Drive Jackson, MS 39232 USA
After hours telephone number	1-800-222-7122
Normal work hours telephone number	1-877-982-7667
Website	www.ergonarmor.com
E-mail	sds@ergon.com
Emergency 24-hour telephone number	CHEMTREC: North America 1-800-424-9300 International 1-800-527-3887
Information on operation hours	8:00 a.m. to 5:00 p.m.

2. Hazard(s) identification

Physical hazards	Flammable liquids	Category 3
Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Carcinogenicity	Category 2
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements

Signal word	Danger
Hazard statement	Flammable liquid and vapor. Harmful if swallowed. Suspected of causing cancer. Causes serious eye damage. Causes skin irritation.

Precautionary statement

Prevention	Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground and bond container and receiving equipment. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Specific treatment see Section 4 of this SDS. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. In case of fire: Use appropriate media to extinguish. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage	Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Naphtha		8032-32-4	>= 15 - <= 40%
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.		64742-95-6	>= 5 - <= 15%
WATER		7732-18-5	>= 5 - <= 15%
BENZENE, DIMETHYL		1330-20-7	>= 3 - <= 15%
QUARTZ		14808-60-7	<= 1 - <=10%
CARBON BLACK		1333-86-4	>= 1 - <= 5%
CRYSTALLINE SILICA (Quartz)		1317-95-9	>= 1 - <= 5%
DICYCLOPENTADIENE LINSEED OIL COPOLYMER		68213-53-6	>= 1 - <= 5%
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY		64742-48-9	>= 1 - <= 5%
STODDARD SOLVENT		8052-41-3	>= 1 - <= 5%
ASPHALT		8052-42-4	>= 1 - <= 3%
PENTAN-2-ONE		107-87-9	>= 1 - <= 2%
1,2,4-TRIMETHYLBENZENE		95-63-6	<= 0.1 - <=1%
2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT		22464-99-9	<= 0.1 - <=1%
4-METHYL-2-PENTANONE		108-10-1	<= 0.1 - <=1%
BUTANONE OXIME		96-29-7	<= 0.1 - <=1%
FATTY ACIDS, C6-19-BRANCHED, COBALT(2+) SALTS		68409-81-4	<= 0.1 - <=1%

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rescuers should put on appropriate protective gear. If not breathing, give artificial respiration or give oxygen by trained personnel. Get medical attention. Call a POISON CENTER or doctor/physician. Do not use mouth-to-mouth method if victim inhaled the substance. If unconscious, place in recovery position and get medical attention immediately. Maintain open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.
Skin contact	Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.
Eye contact	Flush thoroughly with water. If irritation occurs, get medical assistance. Make sure to remove any contact lenses from the eyes before rinsing. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Ingestion	Get medical attention immediately. Call a POISON CENTER or doctor/physician. Have victim rinse mouth thoroughly with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Never give liquid to an unconscious person. If unconscious, place in a recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.
Most important symptoms/effects, acute and delayed	May cause drowsiness or dizziness. May cause respiratory irritation. May cause an allergic skin reaction. Birth defects.

Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Call a physician if symptoms develop or persist. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get on skin, clothing, or in eyes. Use personal protective equipment appropriate for handling.

5. Fire-fighting measures

Suitable extinguishing media	Foam. Carbon dioxide (CO2). Dry chemical powder. Water spray or fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Do not use water jet.
Specific hazards arising from the chemical	Combustible. Flammable. Containers may explode when heated. Fire may produce irritating, corrosive and/or toxic gases. Runoff to sewer may create fire or explosion hazard. The vapor or gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Evacuate area and fight fire from a safe distance. Move containers from fire area if you can do so without risk. Some of these materials, if spilled, may evaporate leaving a flammable residue. Containers can burst violently when heated, due to excess pressure build-up. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Do not get water inside container.
Specific methods	In the event of fire and/or explosion do not breathe fumes.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Immediately evacuate personnel to safe areas. Keep unnecessary personnel away. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. Keep out o low areas. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Avoid breathing mist or vapor. In case of inadequate ventilation, use respiratory protection. See Section 8 of the SDS for Personal Protective Equipment.
Methods and materials for containment and cleaning up	Large Spills: Move containers from spill area. Stop the flow of material, if this is without risk. Use non-sparking tools and explosion-proof equipment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Avoid runoff into storm sewers and ditches which lead to waterways. Dispose of via a licensed waste contractor. Never return spills in original containers for re-use. Small Spills: Move containers from spill area. Stop leak if you can do it without risk. Dilute with water and mop up if water-soluble. Use non-sparking tools and explosion-proof equipment. If water-insoluble, absorb with an inert dry material and place in an appropriae waste disposal container. Dispose of via a licensed waste contractor.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation. If this is not possible notify police and appropriate authorities immediately. Prevent runoff from entering drains, sewers, or streams.

7. Handling and storage

Precautions for safe handling	Avoid heat, sparks, open flames and other ignition sources. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Do not empty into drains. Wash contaminated clothing before reuse. Follow all SDS/label precautions even after container is emptied because they may retain product residues. Keep face clear of tank and/or tank car openings. Do not taste or swallow. In case of inadequate ventilation, use respiratory protection. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Handle under dry nitrogen in dry equipment. Keep in the original container or alternative made from a compatible material, kept tightly closed when not in use. Use explosion-proof ventilation equipment. Use non-sparking hand tools and explosion-proof electrical equipment. Take measures to prevent the build up of electrostatic charge.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep container dry. Keep out of reach of children. Use care in handling/storage. Avoid heat, sparks, open flames and other ignition sources. Store in accordance with local/regional/national/international regulation. Store in original container protected from direct sunligt in a dry, cool and well-ventilated area, away from incompatible materials. Keep away from food, drink and animal feedingstuffs. Keep upright to prevent leakage. Do not store in open or unlabeled containers. Use appropriate container to avoid environmental contamination.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	TWA	0.05 mg/m3

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT (CAS 22464-99-9)	PEL	5 mg/m3	
4-METHYL-2-PENTANONE (CAS 108-10-1)	PEL	410 mg/m3	
		100 ppm	
BENZENE, DIMETHYL (CAS 1330-20-7)	PEL	435 mg/m3	
		100 ppm	
CARBON BLACK (CAS 1333-86-4)	PEL	3.5 mg/m3	
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	PEL	0.05 mg/m3	Respirable dust.
PENTAN-2-ONE (CAS 107-87-9)	PEL	700 mg/m3	
		200 ppm	
QUARTZ (CAS 14808-60-7)	PEL	0.05 mg/m3	Respirable dust.
STODDARD SOLVENT (CAS 8052-41-3)	PEL	2900 mg/m3	
		500 ppm	

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
QUARTZ (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable.
		2.4 mppcf	Respirable.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
1,2,4-TRIMETHYLBENZENE (CAS 95-63-6)	TWA	25 ppm	
2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT (CAS 22464-99-9)	STEL	10 mg/m3	
	TWA	5 mg/m3	
4-METHYL-2-PENTANONE (CAS 108-10-1)	STEL	75 ppm	
	TWA	20 ppm	
ASPHALT (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fume.
BENZENE, DIMETHYL (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
CARBON BLACK (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	TWA	0.025 mg/m3	Respirable fraction.
FATTY ACIDS, C6-19-BRANCHED, COBALT(2+) SALTS (CAS 68409-81-4)	TWA	0.02 mg/m3	
PENTAN-2-ONE (CAS 107-87-9)	STEL	150 ppm	
QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
STODDARD SOLVENT (CAS 8052-41-3)	TWA	100 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
1,2,4-TRIMETHYLBENZENE (CAS 95-63-6)	TWA	125 mg/m3	
		25 ppm	
2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT (CAS 22464-99-9)	STEL	10 mg/m3	
	TWA	5 mg/m3	
4-METHYL-2-PENTANONE (CAS 108-10-1)	STEL	300 mg/m3	
		75 ppm	
	TWA	205 mg/m3	
		50 ppm	
ASPHALT (CAS 8052-42-4)	Ceiling	5 mg/m3	Fume.
BENZENE, DIMETHYL (CAS 1330-20-7)	STEL	655 mg/m3	
		150 ppm	
	TWA	435 mg/m3	
		100 ppm	
CARBON BLACK (CAS 1333-86-4)	TWA	0.1 mg/m3	
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	TWA	0.05 mg/m3	Respirable dust.
Naphtha (CAS 8032-32-4)	Ceiling	1800 mg/m3	
	TWA	350 mg/m3	
PENTAN-2-ONE (CAS 107-87-9)	TWA	530 mg/m3	
		150 ppm	
QUARTZ (CAS 14808-60-7)	TWA	0.05 mg/m3	Respirable dust.
STODDARD SOLVENT (CAS 8052-41-3)	Ceiling	1800 mg/m3	
	TWA	350 mg/m3	

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
BUTANONE OXIME (CAS 96-29-7)	TWA	36 mg/m3
		10 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
4-METHYL-2-PENTANONE (CAS 108-10-1)	1 mg/l	Methyl isobutyl ketone	Urine	*
BENZENE, DIMETHYL (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
FATTY ACIDS, C6-19-BRANCHED, COBALT(2+) SALTS (CAS 68409-81-4)	15 µg/l	Cobalt	Urine	*

* - For sampling details, please see the source document.

Appropriate engineering controls Provide adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. If dust or fumes are generated during use, use local exhaust in combination with general ventilation as necessary to remove fumes/dust from the workers' breathing zone and to ensure exposures do not exceed applicable limits. Use explosion-proof ventilation equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves. Impervious gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Other Use personal protective equipment as required. When there is a risk of ignition from static electricity, wear antistatic protective clolthing. Anti-static gloves. Anti-static boots. Anti-static suit. Use protective gloves, goggles and suitable protective clothing.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use air-supplied respirator.

Thermal hazards Not available.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Color Black

Odor Solvent.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point 74.0 °F (23.3 °C) Closed Cup

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density 8.85

Solubility(ies)

Solubility (water) Not available.

Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	30 - 40 On # 4 Ford at 75°F

10. Stability and reactivity

Reactivity	Not Reactive
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Eliminate all sources of ignition. Do not all vapor ot accumulate in low or confined areas.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No dangerous reaction known under conditions of normal use. No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Ingestion	Harmful if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	May cause redness and pain.

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
1,2,4-TRIMETHYLBENZENE (CAS 95-63-6)		
Acute		
Dermal		
LD50	Rabbit	> 3160 mg/kg
Oral		
LD50	Rat	6 g/kg
4-METHYL-2-PENTANONE (CAS 108-10-1)		
Acute		
Dermal		
LD50	Rabbit	> 16000 mg/kg
Inhalation		
LC50	Rat	8.2 mg/l, 4 Hours
Oral		
LD50	Rat	2080 mg/kg
BENZENE, DIMETHYL (CAS 1330-20-7)		
Acute		
Dermal		
LD50	Rabbit	> 43 g/kg
Inhalation		
LC50	Rat	6350 mg/l, 4 Hours

Components	Species	Test Results
CARBON BLACK (CAS 1333-86-4)		
Acute		
Oral		
LD50	Rat	> 8000 mg/kg
Naphtha (CAS 8032-32-4)		
Acute		
Inhalation		
LC50	Rat	3400 mg/l, 4 Hours

Skin corrosion/irritation Not available.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitization Not available.

Germ cell mutagenicity Not available.

Carcinogenicity Suspected of causing cancer. Risk of cancer depends on duration and level of exposure

IARC Monographs. Overall Evaluation of Carcinogenicity

4-METHYL-2-PENTANONE (CAS 108-10-1)	2B Possibly carcinogenic to humans.
ASPHALT (CAS 8052-42-4)	2B Possibly carcinogenic to humans.
BENZENE, DIMETHYL (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.
CARBON BLACK (CAS 1333-86-4)	2B Possibly carcinogenic to humans.
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	1 Carcinogenic to humans.
QUARTZ (CAS 14808-60-7)	1 Carcinogenic to humans.
STODDARD SOLVENT (CAS 8052-41-3)	3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	Cancer
QUARTZ (CAS 14808-60-7)	Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	Known To Be Human Carcinogen.
FATTY ACIDS, C6-19-BRANCHED, COBALT(2+) SALTS (CAS 68409-81-4)	Reasonably Anticipated to be a Human Carcinogen.
QUARTZ (CAS 14808-60-7)	Known To Be Human Carcinogen.

Reproductive toxicity Not available.

Specific target organ toxicity - single exposure Not available.

Specific target organ toxicity - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Not available.

12. Ecological information

Ecotoxicity

Product		Species	Test Results
Blackhawk 7500 Chassis Coating			
Aquatic			
Fish	LC50	Fish	261.4132 mg/l, 96 hours estimated

Components		Species	Test Results
1,2,4-TRIMETHYLBENZENE (CAS 95-63-6)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	7.19 - 8.28 mg/l, 96 hours
4-METHYL-2-PENTANONE (CAS 108-10-1)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	492 - 593 mg/l, 96 hours

Components		Species	Test Results
BENZENE, DIMETHYL (CAS 1330-20-7)			
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours
BUTANONE OXIME (CAS 96-29-7)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	777 - 914 mg/l, 96 hours
PENTAN-2-ONE (CAS 107-87-9)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	1190 - 1290 mg/l, 96 hours

Persistence and degradability Not available.

Bioaccumulative potential Not available.

Partition coefficient n-octanol / water (log Kow)

4-METHYL-2-PENTANONE	1.31
BENZENE, DIMETHYL	3.12 - 3.2
PENTAN-2-ONE	0.91
STODDARD SOLVENT	3.16 - 7.15

Mobility in soil Not available.

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Dispose of contents/container in accordance with local/regional/national/international regulations. Do not allow this material to drain into sewers/water supplies. Do not discharge into drains, water courses or onto the ground. Recover and reclaim or recycle, if practical. When handling waste, consideration should be made to the safety precautions applying to handling of the product. Dispose of the material in an approved industrial waste landfill. Incinerate the material under controlled conditions in an approved incinerator.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Dispose of container and unused contents in accordance with federal, state, and local requirements. Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container. DO NOT pressurize, cut, heat, or weld containers; they may explode and cause injury or death. Empty product containers may contain product residue. DO NOT reuse empty containers without commercial cleaning or reconditioning. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

UN number UN1263

UN proper shipping name Paint related material including paint thinning, drying, removing, or reducing compound, MARINE POLLUTANT

Transport hazard class(es)

Class 3

Subsidiary risk -

Label(s) 3

Packing group III

Environmental hazards

Marine pollutant Yes

Special precautions for user Not available.

Special provisions B1, B52, IB3, T2, TP1, TP29

Packaging exceptions 150

Packaging non bulk 173

Packaging bulk	242

IATA

UN number	UN1263
UN proper shipping name	Paint related material (including paint thinning or reducing compounds)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	III
Environmental hazards	No.
ERG Code	3L
Special precautions for user	Not available.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.

IMDG

UN number	UN1263
UN proper shipping name	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine pollutant	no
EmS	F-E, S-E
Special precautions for user	Not available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.

DOT

IATA; IMDG

Marine pollutant

15. Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

4-METHYL-2-PENTANONE (CAS 108-10-1)	Listed.
ASPHALT (CAS 8052-42-4)	Listed.
BENZENE, DIMETHYL (CAS 1330-20-7)	Listed.
FATTY ACIDS, C6-19-BRANCHED, COBALT(2+) SALTS (CAS 68409-81-4)	Listed.
PENTAN-2-ONE (CAS 107-87-9)	Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	Cancer
QUARTZ (CAS 14808-60-7)	Cancer
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	lung effects
QUARTZ (CAS 14808-60-7)	lung effects
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	immune system effects
QUARTZ (CAS 14808-60-7)	immune system effects
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9)	kidney effects
QUARTZ (CAS 14808-60-7)	kidney effects

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

Classified hazard categories	Flammable (gases, aerosols, liquids, or solids) Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity (single or repeated exposure) Aspiration hazard Hazard not otherwise classified (HNOC)

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
1,2,4-TRIMETHYLBENZENE	95-63-6	<= 0.1 - <=1%
4-METHYL-2-PENTANONE	108-10-1	<= 0.1 - <=1%
BENZENE, DIMETHYL	1330-20-7	>= 3 - <= 15%

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

4-METHYL-2-PENTANONE (CAS 108-10-1)
BENZENE, DIMETHYL (CAS 1330-20-7)
FATTY ACIDS, C6-19-BRANCHED, COBALT(2+) SALTS (CAS 68409-81-4)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

4-METHYL-2-PENTANONE (CAS 108-10-1) 6715

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

4-METHYL-2-PENTANONE (CAS 108-10-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number

4-METHYL-2-PENTANONE (CAS 108-10-1) 6715

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

4-METHYL-2-PENTANONE (CAS 108-10-1) Low priority
PENTAN-2-ONE (CAS 107-87-9) Low priority

US state regulations

California Proposition 65

California Proposition 65 - CRT: Listed date/Carcinogenic substance

4-METHYL-2-PENTANONE (CAS 108-10-1) Listed: November 4, 2011
ASPHALT (CAS 8052-42-4) Listed: January 1, 1990
CARBON BLACK (CAS 1333-86-4) Listed: February 21, 2003
CRYSTALLINE SILICA (Quartz) (CAS 1317-95-9) Listed: October 1, 1988
QUARTZ (CAS 14808-60-7) Listed: October 1, 1988

California Proposition 65 - CRT: Listed date/Developmental toxin

4-METHYL-2-PENTANONE (CAS 108-10-1) Listed: March 28, 2014

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

1,2,4-TRIMETHYLBENZENE (CAS 95-63-6)
4-METHYL-2-PENTANONE (CAS 108-10-1)
ASPHALT (CAS 8052-42-4)
BENZENE, DIMETHYL (CAS 1330-20-7)
CARBON BLACK (CAS 1333-86-4)
FATTY ACIDS, C6-19-BRANCHED, COBALT(2+) SALTS (CAS 68409-81-4)
Naphtha (CAS 8032-32-4)
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (CAS 64742-48-9)
QUARTZ (CAS 14808-60-7)
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. (CAS 64742-95-6)
STODDARD SOLVENT (CAS 8052-41-3)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	01-22-2019
Version #	01
NFPA ratings	Health: 2 Flammability: 3 Instability: 0
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.