

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** PRIME GUARD UNDER COATING

**Other means of identification**

**SDS number:** RE1000045000

**Recommended restrictions**

**Recommended use:** Cleaner

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information**

**Company Name:** HIGHLINE AFTERMARKET  
**Address:** 4500 MALONE ROAD  
MEMPHIS, TN 38118  
US  
**Telephone:** 888-530-1077

**Emergency telephone number:** 1-866-836-8855

## 2. Hazard(s) identification

### Hazard Classification

**Physical Hazards**

Flammable aerosol Category 1

**Health Hazards**

Skin Corrosion/Irritation Category 2  
Carcinogenicity Category 1A  
Toxic to reproduction Category 2  
Specific Target Organ Toxicity - Repeated Exposure Category 2

**Environmental Hazards**

Acute hazards to the aquatic environment Category 3  
Chronic hazards to the aquatic environment Category 3

### Label Elements

**Hazard Symbol:**



**Signal Word:**

Danger

**Hazard Statement:** Extremely flammable aerosol.  
Causes skin irritation.  
May cause cancer.  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.  
Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

**Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid release to the environment.

**Response:** IF ON SKIN: Wash with plenty of water If skin irritation occurs: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing.

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC):** None.

**3. Composition/information on ingredients**

**Mixtures**

Chemical Identity	CAS number	Content in percent (%)*
Asphalt	8052-42-4	20 - <50%
Benzene, methyl-	108-88-3	10 - <20%
Propane	74-98-6	10 - <20%
Butane	106-97-8	5 - <10%
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	1 - <5%
Kaolin	1332-58-7	1 - <5%
2-Propanone	67-64-1	1 - <5%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

**4. First-aid measures**

**Description of necessary first-aid measures**

**Inhalation:** Move to fresh air.

**Skin Contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Get medical attention.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

**Ingestion:** Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

**Personal Protection for First-aid Responders:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Symptoms may be delayed.

**5. Fire-fighting measures**

**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Vapors may travel considerable distance to a source of ignition and flash back.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

**Accidental release measures:** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

**Methods and material for containment and cleaning up:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

**Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer.

**7. Handling and storage****Handling**

**Technical measures (e.g. Local and general ventilation):** No data available.

**Safe handling advice:** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid contact with skin. Wash hands thoroughly after handling.

**Contact avoidance measures:** No data available.

**Storage**

**Safe storage conditions:** Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 1

**Safe packaging materials:** No data available.

**Storage Temperature:** No data available.

**8. Exposure controls/personal protection****Control Parameters****Occupational Exposure Limits**

Chemical Identity	Type	Exposure Limit Values	Source
Asphalt - Fume.	Ceil_ Time	5 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Asphalt - Inhalable fume. - as benzene solubles	TWA	0.5 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
Benzene, methyl-	STEL	150 ppm 560 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	100 ppm 375 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	100 ppm 375 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	Ceiling	300 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	TWA	20 ppm	US. ACGIH Threshold Limit Values, as amended
	TWA	200 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
Propane	MAX. CONC	500 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	STEL	150 ppm 560 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	REL	1,000 ppm 1,800 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	1,000 ppm 1,800 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm 1,800 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	800 ppm 1,900 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Butane	STEL	1,000 ppm	US. ACGIH Threshold Limit Values, as amended
	TWA	800 ppm 1,900 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	2 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) - Respirable fraction.	REL	2 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) - Respirable.	TWA	2 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) - Respirable dust.	TWA	20 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) - Respirable.	TWA	2.4 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA	0.1 mg/m <sup>3</sup>	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended

Kaolin - Respirable fraction.	PEL		5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Kaolin - Total dust.	PEL		15 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA		10 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Kaolin - Total	REL		10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Kaolin - Respirable fraction.	TWA		2 mg/m3	US. ACGIH Threshold Limit Values, as amended
	TWA		5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Kaolin - Respirable.	REL		5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Kaolin - Total dust.	TWA		50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Kaolin - Respirable fraction.	TWA		5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA		15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Kaolin - Total dust.	TWA		15 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Kaolin - Respirable fraction.	TWA		5 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Kaolin - Total dust.	TWA		15 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
2-Propanone	STEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	250 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	750 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	500 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	250 ppm	590 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Titanium oxide (TiO2)	TWA		10 mg/m3	US. ACGIH Threshold Limit Values, as amended
Titanium oxide (TiO2) - Total dust.	PEL		15 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA		10 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Titanium oxide (TiO2) - Respirable fraction.	TWA		5 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA		15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Titanium oxide (TiO2) - Total dust.	TWA		15 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA		50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Crystalline Silica - Respirable dust.	REL		0.05 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Crystalline Silica - Respirable.	TWA		2.4 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA		0.1 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Crystalline Silica - Respirable fraction.	TWA		0.025 mg/m3	US. ACGIH Threshold Limit Values, as amended
Crystalline Silica - Respirable dust.	TWA		0.1 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Crystalline Silica - Respirable dust.	TWA		0.05 mg/m3	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
Crystalline Silica - Respirable dust.	PEL		0.05 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Crystalline Silica - Respirable dust.	OSHA_ACT		0.025 mg/m3	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended

### Biological Limit Values

Chemical Identity	Exposure Limit Values	Source
Benzene, methyl- (toluene: Sampling time: End of shift.)	0.03 mg/l (Urine)	ACGIH BEL
Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.)	0.3 mg/g (Creatinine in urine)	ACGIH BEL
Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.)	0.02 mg/l (Blood)	ACGIH BEL
2-Propanone (acetone: Sampling time: End of shift.)	25 mg/l (Urine)	ACGIH BEL

**Appropriate Engineering Controls** No data available.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

## Skin Protection

<b>Hand Protection:</b>	No data available.
<b>Skin and Body Protection:</b>	Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.
<b>Respiratory Protection:</b>	In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.
<b>Hygiene measures:</b>	Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. When using do not smoke. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash contaminated clothing before reuse. Avoid contact with skin.

## 9. Physical and chemical properties

### Appearance

<b>Physical state:</b>	liquid
<b>Form:</b>	Spray Aerosol
<b>Color:</b>	No data available.
<b>Odor:</b>	No data available.
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Freezing point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	Estimated -104.44 °C
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive limit - upper (%):</b>	Estimated 9.5 %(V)
<b>Explosive limit - lower (%):</b>	Estimated 1.9 %(V)
<b>Vapor pressure:</b>	Estimated 3,792 - 5,171 hPa (20 °C)
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility in Water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Self Ignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Dynamic viscosity:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	Avoid heat or contamination.

**Incompatible Materials:** No data available.  
**Hazardous Decomposition Products:** No data available.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation:** No data available.  
**Skin Contact:** No data available.  
**Eye contact:** No data available.  
**Ingestion:** No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation:** No data available.  
**Skin Contact:** No data available.  
**Eye contact:** No data available.  
**Ingestion:** No data available.

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

**Oral Product:** ATEmix: 106,632.54 mg/kg  
**Dermal Product:** ATEmix: 8,742.94 mg/kg  
**Inhalation Product:** Not classified for acute toxicity based on available data.

#### Repeated dose toxicity

**Product:** No data available.

#### Components:

Asphalt  
NOAEL (Rabbit(Female, Male), Dermal, 28 d): 2,000 mg/kg Dermal  
Experimental result, Key study

Benzene, methyl-  
LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg (Target  
Organ(s): Liver, Kidney) Oral Experimental result, Key study  
NOAEL (Rat(Female, Male), Inhalation): 625 ppm(m) Inhalation  
Experimental result, Key study  
NOAEL (Rat(Female, Male), Inhalation - vapor): 2,355 mg/l Inhalation  
Experimental result, Key study

Propane  
NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation  
Experimental result, Key study  
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation  
Experimental result, Key study

Butane  
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation  
Experimental result, Key study  
NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation  
Experimental result, Key study

2-Propanone  
NOAEL (Rat(Male), Oral, 13 Weeks): 10,000 ppm(m) Oral Experimental  
result, Key study

### Skin Corrosion/Irritation

**Product:** No data available.

#### Components:

Asphalt	in vivo (Rabbit): Not irritant
Benzene, methyl-	in vivo (Rabbit): Irritating
Kaolin	Not Classified
2-Propanone	in vivo (Rabbit): Not irritant

### Serious Eye Damage/Eye Irritation

**Product:** No data available.

#### Components:

Asphalt	Rabbit, 72 hrs: Not irritating
Benzene, methyl-	Rabbit, 24 - 72 hrs: Not irritating
2-Propanone	Irritating.
	Rabbit, 24 hrs: Minimum grade of severe eye irritant

### Respiratory or Skin Sensitization

**Product:** No data available.

#### Components:

Asphalt	Skin sensitization:, in vivo (Guinea pig): Not sensitising
Benzene, methyl-	Skin sensitization:, in vivo (Guinea pig): Non sensitising
2-Propanone	Skin sensitization:, in vivo (Guinea pig): Non sensitising

### Carcinogenicity

**Product:** No data available.

### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

Asphalt	Overall evaluation: 2B. Possibly carcinogenic to humans.
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	Overall evaluation: 3. Not classifiable as to carcinogenicity to humans.
	Overall evaluation: 2B. Possibly carcinogenic to humans.
Titanium oxide (TiO <sub>2</sub> )	Overall evaluation: 2B. Possibly carcinogenic to humans.
Crystalline Silica	Overall evaluation: 1. Carcinogenic to humans.

### US. National Toxicology Program (NTP) Report on Carcinogens:

Asphalt	Overall evaluation: 2B. Possibly carcinogenic to humans.
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	Overall evaluation: 3. Not classifiable as to carcinogenicity to humans.
	Overall evaluation: 2B. Possibly carcinogenic to humans.
Titanium oxide (TiO <sub>2</sub> )	Overall evaluation: 2B. Possibly carcinogenic to humans.
Crystalline Silica	Overall evaluation: 1. Carcinogenic to humans.

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

Crystalline Silica	Cancer
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### Germ Cell Mutagenicity

#### In vitro

**Product:** No data available.

#### In vivo

**Product:** No data available.

### Reproductive toxicity

**Product:** No data available.

#### Components:

Benzene, methyl-	Suspected of damaging fertility or the unborn child.
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### Specific Target Organ Toxicity - Single Exposure

**Product:** No data available.



**Components:**

Benzene, methyl-                      Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.  
2-Propanone                            Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**                              No data available.

**Components:**

Benzene, methyl-                      Category 2

**Aspiration Hazard**

**Product:**                              No data available.

**Components:**

Benzene, methyl-                      May be fatal if swallowed and enters airways.

**Other effects:**                        No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:**                              No data available.

**Components:**

Asphalt                                    LL 50 (Oncorhynchus mykiss, 96 h): > 1,000 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study  
  
Benzene, methyl-                        LC 50 (Oncorhynchus kisutch, 96 h): 5.5 mg/l Experimental result, Key study  
  
Propane                                    LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study  
  
Butane                                      LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study  
  
2-Propanone                              LC 50 (Oncorhynchus mykiss, 96 h): 5,540 mg/l Experimental result, Key study

**Aquatic Invertebrates**

**Product:**                              No data available.

**Components:**

Asphalt                                    LL 50 (Daphnia magna, 48 h): > 1,000 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study  
  
Benzene, methyl-                        LC 50 (Water flea (Daphnia magna), 48 h): 54.6 - 174.7 mg/l Mortality  
LC 50 (Ceriodaphnia dubia, 2 d): 3.78 mg/l Experimental result, Key study  
  
Butane                                      LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study  
  
2-Propanone                              LC 50 (Daphnia pulex, 48 h): 8,800 mg/l Experimental result, Key study

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:**                              NOEC : estimated < 1 mg/l

**Aquatic Invertebrates**

**Product:**                              No data available.

**Components:**

Asphalt	NOAEL (Daphnia magna): $\geq 1,000$ mg/l Read-across from supporting substance (structural analogue or surrogate), Key study
Benzene, methyl-	LOAEL (Ceriodaphnia dubia): 2.76 mg/l Experimental result, Key study NOAEL (Ceriodaphnia dubia): 0.74 mg/l Experimental result, Key study
2-Propanone	LOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study NOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** 60 % (28 d) Readily biodegradable

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Components:**

Benzene, methyl-	Leuciscus idus, Bioconcentration Factor (BCF): 90 Aquatic sediment Experimental result, Key study
2-Propanone	Haddock, adult, Bioconcentration Factor (BCF): 0.69 Aquatic sediment Experimental result, Not specified

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:**

No data available.

**Components:**

Asphalt	No data available.
Benzene, methyl-	No data available.
Propane	No data available.
Butane	No data available.
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	No data available.
Kaolin	No data available.
2-Propanone	No data available.

**Other adverse effects:**

Harmful to aquatic life with long lasting effects.

**13. Disposal considerations**

**Disposal instructions:**

Discharge, treatment, or disposal may be subject to national, state, or local laws.

**Contaminated Packaging:**

No data available.

## 14. Transport information

### DOT

UN Number:	UN 1950
UN Proper Shipping Name:	Aerosols, flammable
Transport Hazard Class(es):	
Class:	2.1
Label(s):	–
EmS No.:	
Packing Group:	–
Special precautions for user:	None known.

### IATA

UN Number:	UN 1950
UN Proper Shipping Name:	Aerosols, flammable
Transport Hazard Class(es):	
Class:	2.1
Label(s):	–
Packing Group:	–
Special precautions for user:	None known.
Other information	
Passenger and cargo aircraft:	Allowed. 203
Cargo aircraft only:	Allowed. 203

### IMDG

UN Number:	UN 1950
UN Proper Shipping Name:	Aerosols, flammable
Transport Hazard Class(es):	
Class:	2.1
Label(s):	–
EmS No.:	F-D, S-U
Packing Group:	–
Special precautions for user:	None known.

The classification shown in this section may be eligible for use of an exception, such as "Limited Quantity", per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

## 15. Regulatory information

### US Federal Regulations

**Restrictions on use:** Not known.

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

**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

<u>Chemical Identity</u>	<u>OSHA hazard(s)</u>
Crystalline Silica	lung effects
	immune system effects
	Cancer
	kidney effects

**CERCLA Hazardous Substance List (40 CFR 302.4):**

**Chemical Identity**

BENZENE, METHYL-  
UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY  
RCRA HAZARDOUS WASTE NO. D001  
ACETONE

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Flammable (gases, aerosols, liquids, or solids), Skin Corrosion or Irritation, Carcinogenicity,  
Reproductive toxicity, Specific target organ toxicity (single or repeated exposure)

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

None present or none present in regulated quantities.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**

<u>Chemical Identity</u>	<u>% by weight</u>
Benzene, methyl-	1.0%

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

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

**US State Regulations**

**US. California Proposition 65**



**WARNING:** This product can expose you to chemicals including, Asphalt, Titanium oxide (TiO<sub>2</sub>), and Crystalline Silica which is [are] known to the State of California to cause cancer.

This product can expose you to chemicals including, Benzene, methyl- which is [are] known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**US. New Jersey Worker and Community Right-to-Know Act**

**Chemical Identity**

Asphalt  
Benzene, methyl-  
Propane  
Butane  
Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)  
Kaolin  
2-Propanone  
Crystalline Silica

**US. Massachusetts RTK - Substance List**

**Chemical Identity**

Crystalline Silica

**US. Pennsylvania RTK - Hazardous Substances**

**Chemical Identity**

Asphalt  
Benzene, methyl-  
Propane  
Butane  
Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)  
Kaolin  
2-Propanone

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**International regulations**

**Montreal protocol**

2-Propanone

**Stockholm convention**

2-Propanone

**Rotterdam convention**

2-Propanone

**Kyoto protocol**

**Inventory Status:**

Australia AICS	Not in compliance with the inventory.
Canada DSL Inventory List	On or in compliance with the inventory
EINECS, ELINCS or NLP	Not in compliance with the inventory.
Japan (ENCS) List	Not in compliance with the inventory.
China Inv. Existing Chemical Substances	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI)	On or in compliance with the inventory
Canada NDSL Inventory	Not in compliance with the inventory.
US TSCA Inventory	On or in compliance with the inventory
New Zealand Inventory of Chemicals	On or in compliance with the inventory
Japan ISHL Listing	Not in compliance with the inventory.
Japan Pharmacopoeia Listing	Not in compliance with the inventory.
Mexico INSQ	Not in compliance with the inventory.
Ontario Inventory	Not in compliance with the inventory.
Taiwan Chemical Substance Inventory	On or in compliance with the inventory
Philippines PICCS	On or in compliance with the inventory

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

**Issue Date:** 07/05/2022

**Revision Information:** No data available.

**Version #:** 1.1

**Further Information:** No data available.

**Disclaimer:** This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.