

## 1. Identification

**Product identifier** Tite Seal Autobody Undercoating - Rubberized

**Other means of identification**

**SDS number** T1617R  
**Part No.** T1617R  
**Tariff code** 2715.00.0000

**Recommended use** Not available.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** RSC Chemical Solutions  
**Address** 600 Radiator Road  
 Indian Trail, NC 28079  
 United States  
**Telephone** Customer Service: (704) 821-7643  
 Technical: (704) 821-7643  
**Website** www.rscbrands.com  
**E-mail** sds@rscbrands.com  
**Emergency phone number** Emergency Telephone: (303) 623-5716  
 Emergency Contact: RMPDC (877) 740-5015

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable aerosols	Category 1
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 2
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 1
	Specific target organ toxicity, repeated exposure	Category 1 (central nervous system)
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	

**Label elements**



**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. Pressurized container: May burst if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs (central nervous system) through prolonged or repeated exposure.

**Precautionary statement**

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

<b>Response</b>	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed: Call a poison center/doctor. If exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
<b>Storage</b>	Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.
<b>Supplemental information</b>	75.5% of the mixture consists of component(s) of unknown acute oral toxicity. 81% of the mixture consists of component(s) of unknown acute dermal toxicity. 46.5% of the mixture consists of component(s) of unknown acute inhalation toxicity. 83.5% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 83.5% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.
	NOTE: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The container label may not include the OSHA label elements listed in this document. Always carefully review the entire SDS and the product label prior to use in the workplace.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Talc		14807-96-6	20 - < 30
Magnesium Carbonate		546-93-0	10 - < 20
Petroleum Bitumen		8052-42-4	10 - < 20
Petroleum Gases, Liquefied, Sweetened; Petroleum Gas;		68476-86-8	10 - < 20
BENZENE, METHYL-		108-88-3	5 - < 10
METHANOL		67-56-1	5 - < 10
Methyl Acetate		79-20-9	5 - < 10
Stoddard Solvent		8052-41-3	5 - < 10
BENZENE, DIMETHYL		1330-20-7	< 1
Carbon Black		1333-86-4	< 1
Petroleum naphtha		64742-94-5	< 1
BENZENE		71-43-2	< 0.1
ETHYLBENZENE		100-41-4	< 0.1
Quartz [silica Crystalline]		14808-60-7	< 0.1
Other components below reportable levels			5 - < 10

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse mouth. If swallowed, induce vomiting immediately as directed by medical personnel. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Most important symptoms/effects, acute and delayed</b>	Aspiration may cause pulmonary edema and pneumonitis. Narcosis. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information** IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water fog. Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

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

**Specific hazards arising from the chemical** Contents under pressure. Pressurized container may explode when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

**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** Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards** Extremely flammable aerosol.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Remove all possible sources of ignition in the surrounding area. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up** Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Keep combustibles (wood, paper, oil, etc.) away from spilled material. The product is immiscible with water and will spread on the water surface. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

**Environmental precautions** Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

### Conditions for safe storage, including any incompatibilities

Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

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

Components	Type	Value
BENZENE (CAS 71-43-2)	STEL	5 ppm
	TWA	1 ppm

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

Components	Type	Value	Form
BENZENE, DIMETHYL (CAS 1330-20-7)	PEL	435 mg/m3	
		100 ppm	
Carbon Black (CAS 1333-86-4)	PEL	3.5 mg/m3	
ETHYLBENZENE (CAS 100-41-4)	PEL	435 mg/m3	
		100 ppm	
Magnesium Carbonate (CAS 546-93-0)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
METHANOL (CAS 67-56-1)	PEL	260 mg/m3	
		200 ppm	
Methyl Acetate (CAS 79-20-9)	PEL	610 mg/m3	
		200 ppm	
Petroleum naphtha (CAS 64742-94-5)	PEL	400 mg/m3	

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

Components	Type	Value	Form
Quartz [silica Crystalline] (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-2 (29 CFR 1910.1000)**

Components	Type	Value	
BENZENE (CAS 71-43-2)	Ceiling	25 ppm	
	TWA	10 ppm	
BENZENE, METHYL- (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	

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

Components	Type	Value	Form
Quartz [silica Crystalline] (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable.
		2.4 mppcf	Respirable.
Talc (CAS 14807-96-6)	TWA	0.1 mg/m3	Respirable.
		20 mppcf	
		2.4 mppcf	Respirable.

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
BENZENE (CAS 71-43-2)	STEL	2.5 ppm	
	TWA	0.5 ppm	
BENZENE, DIMETHYL (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	
BENZENE, METHYL- (CAS 108-88-3)	TWA	20 ppm	
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
ETHYLBENZENE (CAS 100-41-4)	TWA	20 ppm	
METHANOL (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
Methyl Acetate (CAS 79-20-9)	STEL	250 ppm	
	TWA	200 ppm	
Petroleum Bitumen (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fraction.
Petroleum naphtha (CAS 64742-94-5)	TWA	200 mg/m3	Non-aerosol.
Quartz [silica Crystalline] (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Stoddard Solvent (CAS 8052-41-3)	TWA	100 ppm	
Talc (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
BENZENE (CAS 71-43-2)	STEL	1 ppm	

**US. NIOSH: Pocket Guide to Chemical Hazards**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
BENZENE, DIMETHYL (CAS 1330-20-7)	TWA	0.1 ppm	
	STEL	655 mg/m3	
BENZENE, METHYL- (CAS 108-88-3)	TWA	150 ppm 435 mg/m3	
	STEL	100 ppm 560 mg/m3	
Carbon Black (CAS 1333-86-4)	TWA	150 ppm 375 mg/m3	
	STEL	100 ppm	
ETHYLBENZENE (CAS 100-41-4)	TWA	0.1 mg/m3	
	STEL	545 mg/m3	
Magnesium Carbonate (CAS 546-93-0)	TWA	125 ppm 435 mg/m3	Respirable.
	STEL	100 ppm	Total
METHANOL (CAS 67-56-1)	TWA	5 mg/m3	
	STEL	10 mg/m3 325 mg/m3	
Methyl Acetate (CAS 79-20-9)	TWA	250 ppm 610 mg/m3	
	STEL	200 ppm 760 mg/m3	
Petroleum Bitumen (CAS 8052-42-4)	Ceiling	200 ppm 5 mg/m3	Fume.
Quartz [silica Crystalline] (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	
Talc (CAS 14807-96-6)	TWA	2 mg/m3	Respirable.

**Biological limit values**

**ACGIH Biological Exposure Indices**

<b>Components</b>	<b>Value</b>	<b>Determinant</b>	<b>Specimen</b>	<b>Sampling Time</b>
BENZENE (CAS 71-43-2)	25 µg/g	S-Phenylmercap- turic acid	Creatinine in urine	*
BENZENE, DIMETHYL (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
BENZENE, METHYL- (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
METHANOL (CAS 67-56-1)	15 mg/l	Methanol	Urine	*

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

**Exposure guidelines****US - California OELs: Skin designation**

BENZENE (CAS 71-43-2)	Can be absorbed through the skin.
BENZENE, METHYL- (CAS 108-88-3)	Can be absorbed through the skin.
METHANOL (CAS 67-56-1)	Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

BENZENE, METHYL- (CAS 108-88-3)	Skin designation applies.
METHANOL (CAS 67-56-1)	Skin designation applies.

**US - Tennessee OELs: Skin designation**

METHANOL (CAS 67-56-1)	Can be absorbed through the skin.
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**US ACGIH Threshold Limit Values: Skin designation**

BENZENE (CAS 71-43-2)	Can be absorbed through the skin.
METHANOL (CAS 67-56-1)	Can be absorbed through the skin.
Petroleum naphtha (CAS 64742-94-5)	Can be absorbed through the skin.

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

METHANOL (CAS 67-56-1)	Can be absorbed through the skin.
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**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

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

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece. Applicable for industrial settings only.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves. Applicable for industrial settings only.

**Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Applicable for industrial settings only.

**Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece. Chemical respirator with organic vapor cartridge and full facepiece if threshold limits are exceeded. Applicable for industrial settings only.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

<b>Appearance</b>	Viscous. Opaque Liquid
<b>Physical state</b>	Liquid.
<b>Form</b>	Aerosol.
<b>Color</b>	Black.
<b>Odor</b>	Solvent.odor
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	-144.4 °F (-98 °C) estimated

**Initial boiling point and boiling range** 134.24 °F (56.8 °C) estimated

**Flash point** -155.2 °F (-104.0 °C)

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not applicable.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** 0.9 % estimated

**Flammability limit - upper (%)** 36 % estimated

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** 44.1 hPa estimated

**Vapor density** Not available.

**Relative density** Not available.

**Solubility(ies)**

**Solubility (water)** Practically insoluble

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 450 °F (232.22 °C) estimated

**Decomposition temperature** Not available.

**Viscosity** Not available.

**Other information**

**Density** 10.12 lbs/gal

**Explosive properties** Not explosive.

**Flammability class** Flammable IB estimated

**Heat of combustion (NFPA 30B)** 20 - 30 kJ/g

**Oxidizing properties** Not oxidizing.

**Percent volatile** 17.15 % estimated

**Specific gravity** 1.21

**VOC** 39.1 %

## 10. Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Material is stable under 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. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible materials** Acids. Strong oxidizing agents. Nitrates.

**Hazardous decomposition products** No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** May cause damage to organs by inhalation. Prolonged inhalation may be harmful.

**Skin contact** Causes skin irritation.

**Eye contact** Causes serious eye irritation.

**Ingestion** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms related to the physical, chemical and toxicological characteristics** Aspiration may cause pulmonary edema and pneumonitis. Narcosis. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.



**Information on toxicological effects****Acute toxicity** May be fatal if swallowed and enters airways.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
BENZENE (CAS 71-43-2)		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rat	3306 mg/kg
BENZENE, DIMETHYL (CAS 1330-20-7)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	> 43 g/kg
<b>Inhalation</b>		
LC50	Rat	6350 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	3523 - 8600 mg/kg
BENZENE, METHYL- (CAS 108-88-3)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	12120 mg/kg
<b>Oral</b>		
LD50	Rat	2.6 g/kg
Carbon Black (CAS 1333-86-4)		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rat	> 8000 mg/kg
ETHYLBENZENE (CAS 100-41-4)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	17800 mg/kg
<b>Oral</b>		
LD50	Rat	3500 mg/kg
METHANOL (CAS 67-56-1)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	15800 mg/kg
<b>Inhalation</b>		
LC50	Rat	87.5 mg/l, 6 Hours
<b>Oral</b>		
LD50	Rat	5628 mg/kg
Methyl Acetate (CAS 79-20-9)		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rabbit	3.7 g/kg
Petroleum naphtha (CAS 64742-94-5)		
<b><u>Acute</u></b>		
<b>Inhalation</b>		
LC50	Rat	61 mg/l, 4 Hours
<b>Skin corrosion/irritation</b> Causes skin irritation.		
<b>Serious eye damage/eye irritation</b> Causes serious eye irritation.		

## Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Suspected of causing cancer.

### IARC Monographs. Overall Evaluation of Carcinogenicity

BENZENE (CAS 71-43-2)	1 Carcinogenic to humans.
BENZENE, DIMETHYL (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.
BENZENE, METHYL- (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.
Carbon Black (CAS 1333-86-4)	2B Possibly carcinogenic to humans.
ETHYLBENZENE (CAS 100-41-4)	2B Possibly carcinogenic to humans.
Petroleum Bitumen (CAS 8052-42-4)	2B Possibly carcinogenic to humans.
Quartz [silica Crystalline] (CAS 14808-60-7)	1 Carcinogenic to humans.
Stoddard Solvent (CAS 8052-41-3)	3 Not classifiable as to carcinogenicity to humans.
Talc (CAS 14807-96-6)	2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

BENZENE (CAS 71-43-2)	Cancer
Quartz [silica Crystalline] (CAS 14808-60-7)	Cancer

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

BENZENE (CAS 71-43-2)	Known To Be Human Carcinogen.
Quartz [silica Crystalline] (CAS 14808-60-7)	Known To Be Human Carcinogen.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity - single exposure** Causes damage to organs.

**Specific target organ toxicity - repeated exposure** Causes damage to organs (central nervous system) through prolonged or repeated exposure.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Chronic effects** Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
BENZENE (CAS 71-43-2)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	8.76 - 15.6 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	7.2 - 11.7 mg/l, 96 hours
BENZENE, DIMETHYL (CAS 1330-20-7)			
<b>Aquatic</b>			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours
BENZENE, METHYL- (CAS 108-88-3)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
ETHYLBENZENE (CAS 100-41-4)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours

Components	Species	Test Results
METHANOL (CAS 67-56-1)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) > 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
Methyl Acetate (CAS 79-20-9)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) 295 - 348 mg/l, 96 hours
Petroleum naphtha (CAS 64742-94-5)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia pulex) 2.7 - 5.1 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss) 8.8 mg/l, 96 hours
		8.8 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential**

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

BENZENE	2.13
BENZENE, DIMETHYL	3.12 - 3.2
BENZENE, METHYL-ETHYLBENZENE	2.73
METHANOL	3.15
Methyl Acetate	-0.77
Stoddard Solvent	0.18
	3.16 - 7.15

**Mobility in soil** No data available.

**Other adverse effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.

**13. Disposal considerations**

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Incinerate the material under controlled conditions in an approved incinerator. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** D001: Waste Flammable material with a flash point <140 F  
D018: Waste Benzene  
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**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** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**14. Transport information**

**DOT**

<b>UN number</b>	Not available.
<b>UN proper shipping name</b>	Consumer commodity
<b>Transport hazard class(es)</b>	
<b>Class</b>	ORM-D
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	None
<b>Packing group</b>	Not available.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Packaging exceptions</b>	156, 306
<b>Packaging non bulk</b>	156, 306

<b>Packaging bulk</b>	None
<b>IATA</b>	
<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosol, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	No
<b>ERG Code</b>	9L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.

<b>IMDG</b>	
<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>EmS</b>	F-D, S-U
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not established.

IATA; IMDG



## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

BENZENE (CAS 71-43-2)	Listed.
BENZENE, DIMETHYL (CAS 1330-20-7)	Listed.
BENZENE, METHYL- (CAS 108-88-3)	Listed.
ETHYLBENZENE (CAS 100-41-4)	Listed.
METHANOL (CAS 67-56-1)	Listed.
Methyl Acetate (CAS 79-20-9)	Listed.
Petroleum Bitumen (CAS 8052-42-4)	Listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

BENZENE (CAS 71-43-2)	Cancer
Quartz [silica Crystalline] (CAS 14808-60-7)	Cancer

BENZENE (CAS 71-43-2)	Central nervous system
Quartz [silica Crystalline] (CAS 14808-60-7)	lung effects
BENZENE (CAS 71-43-2)	Blood
Quartz [silica Crystalline] (CAS 14808-60-7)	immune system effects
BENZENE (CAS 71-43-2)	Aspiration
Quartz [silica Crystalline] (CAS 14808-60-7)	kidney effects
BENZENE (CAS 71-43-2)	Skin
	Eye
	respiratory tract irritation
	Flammability

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

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No (Exempt)

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
BENZENE	71-43-2	< 0.1
BENZENE, DIMETHYL	1330-20-7	< 1
BENZENE, METHYL-ETHYLBENZENE	108-88-3	5 - < 10
ETHYLBENZENE	100-41-4	< 0.1
METHANOL	67-56-1	5 - < 10

**Other federal regulations**

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

- BENZENE (CAS 71-43-2)
- BENZENE, DIMETHYL (CAS 1330-20-7)
- BENZENE, METHYL- (CAS 108-88-3)
- ETHYLBENZENE (CAS 100-41-4)
- METHANOL (CAS 67-56-1)

**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**

BENZENE, METHYL- (CAS 108-88-3) 6594

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

BENZENE, METHYL- (CAS 108-88-3) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

BENZENE, METHYL- (CAS 108-88-3) 594

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

Methyl Acetate (CAS 79-20-9) Low priority

**US state regulations**

**California Proposition 65**



**WARNING:** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

- BENZENE (CAS 71-43-2) Listed: February 27, 1987
- Carbon Black (CAS 1333-86-4) Listed: February 21, 2003
- ETHYLBENZENE (CAS 100-41-4) Listed: June 11, 2004
- Petroleum Bitumen (CAS 8052-42-4) Listed: January 1, 1990
- Quartz [silica Crystalline] (CAS 14808-60-7) Listed: October 1, 1988

**California Proposition 65 - CRT: Listed date/Developmental toxin**

- BENZENE (CAS 71-43-2) Listed: December 26, 1997
- BENZENE, METHYL- (CAS 108-88-3) Listed: January 1, 1991
- METHANOL (CAS 67-56-1) Listed: March 16, 2012

**California Proposition 65 - CRT: Listed date/Male reproductive toxin**

- BENZENE (CAS 71-43-2) Listed: December 26, 1997

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

BENZENE (CAS 71-43-2)  
BENZENE, DIMETHYL (CAS 1330-20-7)  
BENZENE, METHYL- (CAS 108-88-3)  
Carbon Black (CAS 1333-86-4)  
ETHYLBENZENE (CAS 100-41-4)  
Magnesium Carbonate (CAS 546-93-0)  
METHANOL (CAS 67-56-1)  
Petroleum Bitumen (CAS 8052-42-4)  
Petroleum Gases, Liquefied, Sweetened; Petroleum Gas; (CAS 68476-86-8)  
Quartz [silica Crystalline] (CAS 14808-60-7)  
Stoddard Solvent (CAS 8052-41-3)  
Talc (CAS 14807-96-6)

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
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)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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**

<b>Issue date</b>	08-05-2015
<b>Revision date</b>	09-26-2018
<b>Version #</b>	03
<b>HMIS® ratings</b>	Health: 2 Flammability: 4 Physical hazard: 1 Personal protection: B
<b>NFPA ratings</b>	Health: 2 Flammability: 4 Instability: 0

**NFPA ratings**



**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.

**Revision information**

This document has undergone significant changes and should be reviewed in its entirety.