

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** 2.1 VOC Acrylic Lacquer Primer Surfacers Black

**Other means of identification**

**Product code** SMR-277-B

**Recommended use** Primer

**Recommended restrictions** No other uses are advised.

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

**Manufacturer**

**Company name** SpeedoKote LLC.

**Address** 5701 N. Webster St.

Dayton, OH 45414

United States

**Telephone** 937-280-0091

Technical Contact, Sales

**Website** www.speedokote.com

**E-mail** sales@speedokote.com

**Emergency phone number** Chemtrec: 800-424-9300

## 2. Hazard(s) identification

**Physical hazards** Flammable liquids Category 2

**Health hazards** Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Germ cell mutagenicity Category 1B

Carcinogenicity Category 1B

Reproductive toxicity Category 1

Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated exposure Category 1

**Environmental hazards** Hazardous to the aquatic environment, acute hazard Category 3

Hazardous to the aquatic environment, long-term hazard Category 3

**OSHA defined hazards** Not classified.

**Label elements**



**Signal word** Danger

**Hazard statement** Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

## 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. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

### Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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 it before reuse. In case of fire: Use appropriate media to extinguish.

### Storage

Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Hazard(s) not otherwise classified (HNOC)

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.

### Supplemental information

41.88% of the mixture consists of component(s) of unknown acute oral toxicity. 67.39% of the mixture consists of component(s) of unknown acute dermal toxicity. 42.17% of the mixture consists of component(s) of unknown acute inhalation toxicity. 83.36% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 83.36% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	10 - < 20
Magnesium Carbonate		546-93-0	10 - < 20
Methyl Acetate		79-20-9	10 - < 20
Talc		14807-96-6	10 - < 20
Silica		7631-86-9	5 - < 10
Toluene		108-88-3	5 - < 10
Dibutyl Phthalate		84-74-2	1 - < 3
Ethyl Acetate 99%		141-78-6	1 - < 3
Silicon Dioxide (as Amorphous Silica; See Silica), Particulate		112945-52-5	1 - < 3
Glycol Ether PM Acetate		108-65-6	< 1
Solvent Naphtha, petroleum, light aromatic		64742-95-6	< 0.2
Carbon Black		1333-86-4	< 0.1
Phosphoric Acid Regulatory		7664-38-2	< 0.1

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

## 4. First-aid measures

### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

### Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

### Eye contact

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.

### Ingestion

Rinse mouth. Get medical attention if symptoms occur.

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

May cause drowsiness and dizziness. Headache. Nausea, vomiting. 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. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Take off all contaminated clothing immediately. 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. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Alcohol resistant foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. 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.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Highly flammable liquid and vapor.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. 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.
<b>Methods and materials for containment and cleaning up</b>	<p>Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.</p> <p>Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.</p>
<b>Environmental precautions</b>	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. 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. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. 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. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist/vapors. 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. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. 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

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. 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 Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Acetone (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm	
Carbon Black (CAS 1333-86-4)	PEL	3.5 mg/m3	
Dibutyl Phthalate (CAS 84-74-2)	PEL	5 mg/m3	
Ethyl Acetate 99% (CAS 141-78-6)	PEL	1400 mg/m3 400 ppm	
Magnesium Carbonate (CAS 546-93-0)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Methyl Acetate (CAS 79-20-9)	PEL	610 mg/m3 200 ppm	
Phosphoric Acid Regulatory (CAS 7664-38-2)	PEL	1 mg/m3	

#### US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

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

Components	Type	Value	Form
Silica (CAS 7631-86-9)	TWA	0.8 mg/m3	

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

Components	Type	Value	Form
Silicon Dioxide (as Amorphous Silica; See Silica), Particulate (CAS 112945-52-5)	TWA	20 mppcf 0.8 mg/m3	
Talc (CAS 14807-96-6)	TWA	20 mppcf 0.1 mg/m3	Respirable.
		20 mppcf 2.4 mppcf	Respirable.

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
Dibutyl Phthalate (CAS 84-74-2)	TWA	5 mg/m3	
Ethyl Acetate 99% (CAS 141-78-6)	TWA	400 ppm	
Methyl Acetate (CAS 79-20-9)	STEL	250 ppm	
	TWA	200 ppm	
Phosphoric Acid Regulatory (CAS 7664-38-2)	STEL	3 mg/m3	
	TWA	1 mg/m3	
Talc (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Toluene (CAS 108-88-3)	TWA	20 ppm	

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	590 mg/m3 250 ppm	
Carbon Black (CAS 1333-86-4)	TWA	0.1 mg/m3	
Dibutyl Phthalate (CAS 84-74-2)	TWA	5 mg/m3	
Ethyl Acetate 99% (CAS 141-78-6)	TWA	1400 mg/m3 400 ppm	
Magnesium Carbonate (CAS 546-93-0)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Methyl Acetate (CAS 79-20-9)	STEL	760 mg/m3	
		250 ppm	
	TWA	610 mg/m3 200 ppm	
Phosphoric Acid Regulatory (CAS 7664-38-2)	STEL	3 mg/m3	
	TWA	1 mg/m3	
Silica (CAS 7631-86-9)	TWA	6 mg/m3	

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

Components	Type	Value	Form
Silicon Dioxide (as Amorphous Silica; See Silica), Particulate (CAS 112945-52-5)	TWA	6 mg/m <sup>3</sup>	
Talc (CAS 14807-96-6)	TWA	2 mg/m <sup>3</sup>	Respirable.
Toluene (CAS 108-88-3)	STEL	560 mg/m <sup>3</sup>	
		150 ppm	
	TWA	375 mg/m <sup>3</sup>	
		100 ppm	

**US. Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value
Glycol Ether PM Acetate (CAS 108-65-6)	TWA	50 ppm

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*
Toluene (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	*

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

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

Glycol Ether PM Acetate (CAS 108-65-6)

Can be absorbed through the skin.

Toluene (CAS 108-88-3)

Can be absorbed through the skin.

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

Toluene (CAS 108-88-3)

Skin designation applies.

**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation. Good general ventilation 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.

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves.

**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection**

Chemical respirator with organic vapor cartridge and full facepiece.

**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****Appearance**

**Physical state** Liquid.

Material name: 2.1 VOC Acrylic Lacquer Primer Surfacer

Black SMR-277-B Version #: 01 Issue date: 04-08-2019

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<b>Form</b>	Liquid.
<b>Color</b>	Black
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	-144.4 °F (-98 °C) estimated
<b>Initial boiling point and boiling range</b>	132.4 °F (55.78 °C) estimated
<b>Flash point</b>	-0.4 °F (-18.0 °C) estimated
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	1.3 % estimated
<b>Flammability limit - upper (%)</b>	16 % estimated
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	141.47 hPa estimated
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	869 °F (465 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Density</b>	1.53 g/cm3 estimated
<b>Explosive properties</b>	Not explosive.
<b>Flammability class</b>	Flammable IB estimated
<b>Oxidizing properties</b>	Not oxidizing.
<b>Percent volatile</b>	43.15 % estimated
<b>Specific gravity</b>	1.53 estimated

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Acids. Strong oxidizing agents. Chlorine. Fluorine. Nitrates.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.

<b>Ingestion</b>		Expected to be a low ingestion hazard.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>		May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
<b>Information on toxicological effects</b>		
<b>Acute toxicity</b>		Not known.
Components	Species	Test Results
Acetone (CAS 67-64-1)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	20000 mg/kg
<b>Inhalation</b>		
LC50	Rat	50.1 mg/l, 8 Hours
<b>Oral</b>		
LD50	Rat	5800 mg/kg
Carbon Black (CAS 1333-86-4)		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rat	> 8000 mg/kg
Dibutyl Phthalate (CAS 84-74-2)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	4200 mg/kg
<b>Inhalation</b>		
LC50	Rat	15.68 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	6300 mg/kg
Ethyl Acetate 99% (CAS 141-78-6)		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rat	5.6 g/kg
Methyl Acetate (CAS 79-20-9)		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rabbit	3.7 g/kg
Phosphoric Acid Regulatory (CAS 7664-38-2)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	2740 mg/kg
Silica (CAS 7631-86-9)		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rat	> 22500 mg/kg
Silicon Dioxide (as Amorphous Silica; See Silica), Particulate (CAS 112945-52-5)		
<b><u>Acute</u></b>		
<b>Oral</b>		
LD50	Rat	> 22500 mg/kg
Toluene (CAS 108-88-3)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	12120 mg/kg



Components	Species	Test Results
Oral LD50	Rat	2.6 g/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	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	May cause genetic defects.	
Carcinogenicity	May cause cancer.	
IARC Monographs. Overall Evaluation of Carcinogenicity		
Carbon Black (CAS 1333-86-4)		2B Possibly carcinogenic to humans.
Silica (CAS 7631-86-9)		3 Not classifiable as to carcinogenicity to humans.
Silicon Dioxide (as Amorphous Silica; See Silica), Particulate (CAS 112945-52-5)		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.
Toluene (CAS 108-88-3)		3 Not classifiable as to carcinogenicity to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)		
Not regulated.		
US. National Toxicology Program (NTP) Report on Carcinogens		
Not listed.		
Reproductive toxicity	May damage fertility or the unborn child.	
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.	
Specific target organ toxicity - repeated exposure	Causes damage to organs through prolonged or repeated exposure.	
Aspiration hazard	Not an aspiration hazard.	
Chronic effects	Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects.	

## 12. Ecological information

Ecotoxicity		Harmful to aquatic life with long lasting effects.	
Components		Species	Test Results
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	10294 - 17704 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Dibutyl Phthalate (CAS 84-74-2)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	2.99 mg/l, 48 hours
Fish	LC50	Channel catfish (Ictalurus punctatus)	0.4 - 0.53 mg/l, 96 hours
Ethyl Acetate 99% (CAS 141-78-6)			
Aquatic			
Fish	LC50	Indian catfish (Heteropneustes fossilis)	200.32 - 225.42 mg/l, 96 hours
Methyl Acetate (CAS 79-20-9)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	295 - 348 mg/l, 96 hours
Toluene (CAS 108-88-3)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours

Components		Species	Test Results
Fish	LC50	Coho salmon, silver salmon (Oncorhynchus kisutch)	8.11 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)

Acetone	-0.24
Dibutyl Phthalate	4.9
Ethyl Acetate 99%	0.73
Methyl Acetate	0.18
Toluene	2.73

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	D001: Waste Flammable material with a flash point <140 F The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	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.

### 14. Transport information

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

#### DOT

<b>UN number</b>	UN1263
<b>UN proper shipping name</b>	Paint related material including paint thinning, drying, removing, or reducing compound
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	II
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	149, B52, IB2, T4, TP1, TP8, TP28
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	173
<b>Packaging bulk</b>	242

#### IATA

<b>UN number</b>	UN1263
<b>UN proper shipping name</b>	Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	No.
<b>ERG Code</b>	3L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**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** II

**Environmental hazards**

**Marine pollutant** No.

**EmS** F-E, S-E

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

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

**DOT****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.

**Toxic Substances Control Act (TSCA)****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**TSCA Chemical Action Plans, Chemicals of Concern**

Dibutyl Phthalate (CAS 84-74-2)

Phthalates Action Plan

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

Acetone (CAS 67-64-1)	Listed.
Dibutyl Phthalate (CAS 84-74-2)	Listed.
Ethyl Acetate 99% (CAS 141-78-6)	Listed.
Methyl Acetate (CAS 79-20-9)	Listed.
Phosphoric Acid Regulatory (CAS 7664-38-2)	Listed.
Toluene (CAS 108-88-3)	Listed.

**SARA 304 Emergency release notification**

Not regulated.

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

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**Classified hazard categories**

Flammable (gases, aerosols, liquids, or solids)  
 Skin corrosion or irritation  
 Serious eye damage or eye irritation  
 Germ cell mutagenicity  
 Carcinogenicity  
 Reproductive toxicity  
 Specific target organ toxicity (single or repeated exposure)  
 Hazard not otherwise classified (HNOC)

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Dibutyl Phthalate	84-74-2	1 - < 3
Toluene	108-88-3	5 - < 10

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

Dibutyl Phthalate (CAS 84-74-2)

Toluene (CAS 108-88-3)

**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**

Acetone (CAS 67-64-1) 6532  
 Toluene (CAS 108-88-3) 6594

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

Acetone (CAS 67-64-1) 35 %WV  
 Toluene (CAS 108-88-3) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

Acetone (CAS 67-64-1) 6532  
 Toluene (CAS 108-88-3) 594

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

Acetone (CAS 67-64-1) Low priority  
 Ethyl Acetate 99% (CAS 141-78-6) Low priority  
 Methyl Acetate (CAS 79-20-9) Low priority  
 Phosphoric Acid Regulatory (CAS 7664-38-2) High priority

**US state regulations****California Proposition 65**

**WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer, and Toluene, which is 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).

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

Carbon Black (CAS 1333-86-4) Listed: February 21, 2003

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

Dibutyl Phthalate (CAS 84-74-2) Listed: December 2, 2005

Toluene (CAS 108-88-3) Listed: January 1, 1991

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

Dibutyl Phthalate (CAS 84-74-2) Listed: December 2, 2005

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

Dibutyl Phthalate (CAS 84-74-2) Listed: December 2, 2005

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

Acetone (CAS 67-64-1)  
Carbon Black (CAS 1333-86-4)  
Dibutyl Phthalate (CAS 84-74-2)  
Magnesium Carbonate (CAS 546-93-0)  
Phosphoric Acid Regulatory (CAS 7664-38-2)  
Solvent Naphtha, petroleum, light aromatic (CAS 64742-95-6)  
Talc (CAS 14807-96-6)  
Toluene (CAS 108-88-3)

**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)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
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**

<b>Issue date</b>	04-08-2019
<b>Version #</b>	01
<b>Disclaimer</b>	SpeedoKote LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.