

SAFETY DATA SHEET

1. Identification

Product identifier	All Purpose Enamel Spray Paint-Flat Black				
Other means of identification					
Product code	18008				
Recommended use	Coating	Coating			
Recommended restrictions	None known.				
Manufacturer/Importer/Supplier	r/Distributor information				
Manufactured or sold by:					
Company name	CRC Industries, Inc.				
Address	885 Louis Dr.				
	Warminster, PA 18974 US				
Telephone					
General Information	215-674-4300				
Technical	800-521-3168				
Assistance					
Customer Service	800-272-4620				
24-Hour Emergency	800-424-9300 (US)				
(CHEMTREC)	703-527-3887 (International)				
Website	www.crcindustries.com				
2. Hazard(s) identification	1				
Physical hazards	Flammable aerosols	Category 1			
	Gases under pressure	Liquefied gas			
Health hazards	Skin corrosion/irritation	Category 2			
	Serious eye damage/eye irritation	Category 2A			
	Carcinogenicity	Category 2			
	Reproductive toxicity (the unborn child)	Category 2			
	Specific target organ toxicity, single exposure	Category 3 narcotic effects			
	Specific target organ toxicity, repeated exposure	Category 2			

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Liquefied gas
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 2
	Reproductive toxicity (the unborn child)	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	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 Hazard statement

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging the unborn child. May cause 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. Do not spray on an open flame or other ignition source. Do not apply while equipment is energized. Pressurized container: Do not pierce or burn, even after use. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Do not breathe gas. Do not breathe mist or vapor. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Avoid release to the environment.
Response	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If exposed or concerned: Get medical attention.
Storage	Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.
Disposal	Dispose of contents/container in accordance with local/regional/national regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

Supplemental information

53.9% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 48.77% 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	30 - 40
Propane		74-98-6	10 - 20
Toluene		108-88-3	10 - 20
Calcium carbonate		1317-65-3	5 - 10
n-Butane		106-97-8	5 - 10
Solvent naphtha (petroleum), light aliph.		64742-89-8	5 - 10
Methyl propyl ketone		107-87-9	1 - 3
Propylene glycol methyl ether acetate		108-65-6	1 - 3
Silicone dioxide		112926-00-8	1 - 3
Carbon black		1333-86-4	< 1
Methyl isobutyl ketone		108-10-1	< 0.2

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	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
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	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.
Most important symptoms/effects, acute and delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause redness and pain. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	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. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.			
5. Fire-fighting measures				
Suitable extinguishing media	Small Fires: Powder. Dry sand. Carbon dioxide (CO2). Water spray.			
Unsuitable extinguishing media	Large Fires: Alcohol resistant foam. Water spray. None known.			
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame.			
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.			
Fire-fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. 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.			
General fire hazards	Extremely flammable aerosol.			
6. Accidental release meas	sures			
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. 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	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.			
	Large Spills: Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Scoop up used absorbent into drums or other appropriate container. Prevent entry into waterways, sewer, basements or confined areas. 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.			
	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.			
Environmental precautions	Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.			
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. 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. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not breathe mist or vapor. Do not breathe gas. Avoid contact with skin and eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Avoid contact with clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains. For product usage instructions, please see the product label.			
Conditions for safe storage,	Level 3 Aerosol.			
including any incompatibilities	Store locked up. Store in a well-ventilated place. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.			
8. Exposure controls/personal protection				

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Occupational exposure limits				
US. OSHA Table Z-1 Limits for A	ir Contaminants (29 CFR 1910.1	000)		
Components	Туре	Value	Form	
Acetone (CAS 67-64-1)	PEL	2400 mg/m3		

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

JS. OSHA Table Z-1 Limits for Air (Components	Туре	Value	Form
		1000 ppm	
Calcium carbonate (CAS 317-65-3)	PEL	5 mg/m3	Respirable fraction.
,		15 mg/m3	Total dust.
Carbon black (CAS	PEL	3.5 mg/m3	
333-86-4)			
1ethyl isobutyl ketone CAS 108-10-1)	PEL	410 mg/m3	
		100 ppm	
lethyl propyl ketone (CAS 07-87-9)	PEL	700 mg/m3	
		200 ppm	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
IS. OSHA Table Z-2 (29 CFR 1910.1	1000)		
omponents	Туре	Value	
oluene (CAS 108-88-3)	Ceiling	300 ppm	
. ,	TWA	200 ppm	
IS. OSHA Table Z-3 (29 CFR 1910.1			
components	Туре	Value	
ilicone dioxide (CAS	TWA	0.8 mg/m3	
12926-00-8)		20 millions of	
		particle	
IS. ACGIH Threshold Limit Values components	Туре	Value	Form
cetone (CAS 67-64-1)	STEL	750 ppm	
	TWA	500 ppm	
Carbon black (CAS	TWA	3 mg/m3	Inhalable fraction.
333-86-4)		C C	
/lethyl isobutyl ketone CAS 108-10-1)	STEL	75 ppm	
,	TWA	20 ppm	
lethyl propyl ketone (CAS	STEL	150 ppm	
07-87-9)			
n-Butane (CAS 106-97-8)	STEL	1000 ppm	
oluene (CAS 108-88-3)	TWA	20 ppm	
IS. NIOSH: Pocket Guide to Chemi	cal Hazards		
components			_
omponenta	Туре	Value	Form
•	Туре		Form
Acetone (CAS 67-64-1)	Type TWA	590 mg/m3	Form
acetone (CAS 67-64-1)	TWA	590 mg/m3 250 ppm	
cetone (CAS 67-64-1) Calcium carbonate (CAS		590 mg/m3	Form Respirable.
cetone (CAS 67-64-1) Calcium carbonate (CAS	TWA	590 mg/m3 250 ppm 5 mg/m3	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 1317-65-3) Carbon black (CAS	TWA	590 mg/m3 250 ppm	
cetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4)	TWA TWA TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) <i>I</i> lethyl isobutyl ketone	TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) Methyl isobutyl ketone	TWA TWA TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm	Respirable.
cetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) Methyl isobutyl ketone	TWA TWA TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3	Respirable.
cetone (CAS 67-64-1) calcium carbonate (CAS 317-65-3) carbon black (CAS 333-86-4) lethyl isobutyl ketone	TWA TWA TWA STEL	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) Methyl isobutyl ketone CAS 108-10-1)	TWA TWA TWA STEL	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm 205 mg/m3	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) Methyl isobutyl ketone CAS 108-10-1)	TWA TWA TWA STEL TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm 205 mg/m3 50 ppm 530 mg/m3	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) Methyl isobutyl ketone CAS 108-10-1) Methyl propyl ketone (CAS 07-87-9)	TWA TWA TWA STEL TWA TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm 205 mg/m3 50 ppm 530 mg/m3 150 ppm	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) Methyl isobutyl ketone CAS 108-10-1) Methyl propyl ketone (CAS 07-87-9)	TWA TWA TWA STEL TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm 205 mg/m3 50 ppm 530 mg/m3 150 ppm 1900 mg/m3	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) Aethyl isobutyl ketone CAS 108-10-1) Methyl propyl ketone (CAS 07-87-9) -Butane (CAS 106-97-8)	TWA TWA TWA STEL TWA TWA TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm 205 mg/m3 50 ppm 530 mg/m3 150 ppm 1900 mg/m3 800 ppm	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 317-65-3) Carbon black (CAS 333-86-4) <i>N</i> ethyl isobutyl ketone CAS 108-10-1) <i>M</i> ethyl propyl ketone (CAS 07-87-9) D-Butane (CAS 106-97-8)	TWA TWA TWA STEL TWA TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm 205 mg/m3 50 ppm 530 mg/m3 150 ppm 1900 mg/m3 800 ppm 1800 mg/m3	Respirable.
Acetone (CAS 67-64-1) Calcium carbonate (CAS 1317-65-3)	TWA TWA TWA STEL TWA TWA TWA	590 mg/m3 250 ppm 5 mg/m3 10 mg/m3 0.1 mg/m3 300 mg/m3 75 ppm 205 mg/m3 50 ppm 530 mg/m3 150 ppm 1900 mg/m3 800 ppm	Respirable.

US. NIOSH: Pocket Guide to Chemical Hazards `omnonante Type

Components	Туре	Value	Form
Toluene (CAS 108-88-3)	STEL	560 mg/m3	
		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
US. AIHA Workplace Environme	ntal Exposure Level (WEEL) Gu	uides	
Components	Туре	Value	
Propylene glycol methyl ether acetate (CAS	TWA	50 ppm	

Biological limit values

108-65-6)

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time	
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*	
Methyl isobutyl ketone (CAS 108-10-1)	1 mg/l	Methyl isobutyl ketone	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

Propylene glycol methyl ether 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

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. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear protective gloves such as nitrile or rubber.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Air monitoring is needed to determine actual employee exposure levels.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using, do not eat, drink or 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.
Form	Aerosol.
Color	Black.
Odor	Aromatic.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	-47.2 °F (-44 °C)
Flash point	-2.2 °F (-19 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.

Upper/lower flammability or explosive limits			
Flammability limit - lower (%)	1.7 %		
Flammability limit - upper (%)	10.9 %		
Vapor pressure	1496.2 hPa estimated		
Vapor density	> 1 (air = 1)		
Relative density	0.77 - 0.85		
Solubility (water)	Not available.		
Partition coefficient (n-octanol/water)	Not available.		
Auto-ignition temperature	689 °F (365 °C)		
Decomposition temperature	Not available.		
Viscosity (kinematic)	Not available.		
Percent volatile	81.7 % estimated		
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	Heat, flames and sparks. Contact with incompatible materials.		
Incompatible materials	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.		

11. Toxicological information

Hazardous decomposition

products

Acute toxicity

Skin sensitization

Information on likely routes of exposure			
Ingestion May be fatal if swallowed and enters airways.			
Inhalation	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Prolonged inhalation may be harmful. May cause damage to organs by inhalation.		
Skin contact	Causes skin irritation.		
Eye contact	Causes serious eye irritation.		
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.		

No hazardous decomposition products are known.

Information on toxicological effects

May be fatal if swallowed and enters airways. Narcotic effects.

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Product	Species	Test Results	
All Purpose Enamel Spray Pair	nt-Flat Black		
Acute			
Dermal			
LD50	Rabbit	16948.8418 mg/kg estimated	
Inhalation			
LC50	Rat	7113.5137 mg/l, 4 hours	
Oral			
LD50	Rat	11397.2939 mg/kg estimated	
Chronic			
Oral			
LD50	Mouse	2407.408 g/kg estimated	
* Estimates for product ma	y be based on additional component data not sl	hown.	
Skin corrosion/irritation	Causes skin irritation.		
Serious eye damage/eye irritation	Causes serious eye irritation.		
Respiratory sensitization	Not available.		

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			
Carbon black (CAS 1333-86-4) Methyl isobutyl ketone (CAS 108-10-1) Silicone dioxide (CAS 112926-00-8) Toluene (CAS 108-88-3)		2B Possibly carcinogenic to humans.2B Possibly carcinogenic to humans.3 Not classifiable as to carcinogenicity to humans.3 Not classifiable as to carcinogenicity to humans.	
Reproductive toxicity	Suspected of damaging the unborn child.		
Specific target organ toxicity - single exposure	Narcotic effects.		
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Aspiration hazard	May be fatal if swallowed and enters airways.		
Chronic effects	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure.		

12. Ecological information

Ecotoxicity

Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Product		Species	Test Results
All Purpose Enamel Spray	y Paint-Flat Blac	:k	
Crustacea	EC50	Daphnia	95.5414 mg/l, 48 hours estimated
Fish	LC50	Fish	760.4722 mg/l, 96 hours estimated
Components		Species	Test Results
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Methyl isobutyl ketone (Ca	AS 108-10-1)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	492 - 593 mg/l, 96 hours
Methyl propyl ketone (CA	S 107-87-9)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	1190 - 1290 mg/l, 96 hours
Toluene (CAS 108-88-3)			
Aquatic			
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

-0.24

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Partition coefficient n-octanol / water (log Kow)
Acetone
Mothyl isobutyl kotopo

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.	
Mobility in soil	No data available.	
Toluene	2.73	
Propane	2.36	
n-Butane	2.89	
Methyl propyl ketone	0.91	
Methyl isobutyl ketone	1.31	

13. Disposal considerations

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Disposal of waste from residues / unused products	This material and its container must be disposed of as hazardous waste. If discarded, this product is considered a RCRA ignitable waste, D001. Consult authorities before disposal. Empty container can be recycled. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.
Hazardous waste code	D001: Waste Flammable material with a flash point <140 F
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport information

DOT

DOT	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, limited quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	Not applicable.
	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None
IATA	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, limited quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed.
aircraft	
Cargo aircraft only	Allowed.
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS, LIMITED QUANTITY
Transport hazard class(es)	
Class	2
Subsidiary risk	
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
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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.	
SARA 304 Emergency release notification	
Not regulated.	
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
Not listed.	
US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance	
Methyl isobutyl ketone (CAS 108-10-1)	
Toluene (CAS 108-88-3)	
CERCLA Hazardous Substance List (40 CFR 302.4)	
Acetone (CAS 67-64-1)	

Methyl isobutyl ketone (CA	AS 108-10-1)		
Toluene (CAS 108-88-3) CERCLA Hazardous Substances: Reportable quantity			
Acetone (CAS 67-64-1) Methyl isobutyl ketone (CA Toluene (CAS 108-88-3)		5000 lbs 5000 lbs 1000 lbs	
	in the loss of any ingredient a 4-8802) and to your Local Eme	t or above its RQ require immediate notification to the National ergency Planning Committee.	
Clean Air Act (CAA) Section	112 Hazardous Air Pollutant	s (HAPs) List	
Toluene (CAS 108-88-3)	Methyl isobutyl ketone (CAS 108-10-1)		
n-Butane (CAS 106-97-8) Propane (CAS 74-98-6)			
Safe Drinking Water Act (SDWA)	Not regulated.		
Drug Enforcement Administr Code Number	ration (DEA). List 2, Essentia	I Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical	
Acetone (CAS 67-64-1) Methyl isobutyl ketone (CA Toluene (CAS 108-88-3)	AS 108-10-1)	6532 6715 6594	
	ration (DEA). List 1 & 2 Exem	pt Chemical Mixtures (21 CFR 1310.12(c))	
Acetone (CAS 67-64-1) Methyl isobutyl ketone (CA Toluene (CAS 108-88-3)	AS 108-10-1)	35 % weight/volumn 35 % weight/volumn 35 % weight/volumn	
DEA Exempt Chemical Mixtu	res Code Number		
Acetone (CAS 67-64-1)		6532	
Methyl isobutyl ketone (CA Toluene (CAS 108-88-3)	AS 108-10-1)	6715 594	
Food and Drug Administration (FDA)	Not regulated.		
Superfund Amendments and	Reauthorization Act of 1986	6 (SARA)	
Section 311/312 Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No		
SARA 302 Extremely hazardous substance	No		
US state regulations			
US. New Jersey RTK - Subst	ances: Listed substance		
Acetone (CAS 67-64-1) Calcium carbonate (CAS 1317-65-3) Carbon black (CAS 1333-86-4) Methyl isobutyl ketone (CAS 108-10-1) Methyl propyl ketone (CAS 107-87-9) n-Butane (CAS 106-97-8) Propane (CAS 74-98-6) Silicone dioxide (CAS 112926-00-8)			
Toluene (CAS 108-88-3)			
US. Massachusetts RTK - Su Acetone (CAS 67-64-1)	US. Massachusetts RTK - Substance List		
Calcium carbonate (CAS 1317-65-3) Methyl propyl ketone (CAS 107-87-9) n-Butane (CAS 106-97-8) Propane (CAS 74-98-6) Silicone dioxide (CAS 112926-00-8)			
Toluene (CAS 108-88-3) US. Pennsylvania RTK - Haza	ardous Substances		
Acetone (CAS 67-64-1)	aluous Substallees		
Calcium carbonate (CAS 1			
	Carbon black (CAS 1333-86-4) Methyl isobutyl ketone (CAS 108-10-1)		
Methyl propyl ketone (CAS n-Butane (CAS 106-97-8)			

Propane (CAS 74-98-6)			
Toluene (CAS 108-88-3 US. Rhode Island RTK	5)		
Acetone (CAS 67-64-1)	1		
Methyl isobutyl ketone			
n-Butane (CAS 106-97- Propane (CAS 74-98-6			
Toluene (CAS 108-88-3			
US. California Proposition	65		
WARNING: This productive harm.	ct contains a chemical known to	the State of California to cause cancer and I	birth defects or other
US - California Propos	sition 65 - CRT: Listed date/Ca	arcinogenic substance	
Carbon black (CAS 1333-86-4)		Listed: February 21, 2003	
Ethylbenzene (CAS 100-41-4) Methyl isobutyl ketone (CAS 108-10-1)		Listed: June 11, 2004 Listed: November 4, 2011	
	sition 65 - CRT: Listed date/De		
Toluene (CAS 108	-88-3)	Listed: January 1, 1991	
US - California Propos	sition 65 - CRT: Listed date/Fe	male reproductive toxin	
Toluene (CAS 108	-88-3)	Listed: August 7, 2009	
Volatile organic compounds (\ EPA	/OC) regulations		
Aerosol coatings (40 CFR 59, Subpt. E)	Compliant		
State			
Aerosol coatings	This product is regulated as	a Flat Paint. This product is compliant for sa	le in all 50 states.
Maximum incremo reactivity (MIR)	ental 1.01		
International Inventories			
Country(s) or region	Inventory name		On inventory (yes/no)*
Australia	Australian Inventory of Cher	mical 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 No Substances (EINECS)		
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	New Zealand Inventory No	
Philippines	Philippine Inventory of Cher (PICCS)	nicals and Chemical Substances	No
United States & Puerto Ricc	Toxic Substances Control A	ct (TSCA) Inventory	Yes
		the inventory requirements administered by the go ot listed or exempt from listing on the inventory ac	

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

Issue date	10-03-2013	
Prepared by	Allison Cho	
Version #	01	
Further information	Not available.	
HMIS® ratings	Health: 2* Flammability: 4 Physical hazard: 0 Personal protection: B	
NFPA ratings	Health: 2 Flammability: 4 Instability: 0	
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