

# SAFETY DATA SHEET

### 1. Identification

Product identifier	All Purpose Enamel Gloss Black Spray Paint
Other means of identification	
Product code	18005
Recommended use	Coating
<b>Recommended restrictions</b>	None known.
Manufacturer/Importer/Supplier/	Distributor information
Company name	CRC Industries, Inc.
Address	885 Louis Dr.
	Warminster, PA 18974 US
Telephone	
General Information	215-674-4300
Technical Assistance	800-521-3168
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

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Liquefied gas
Health hazards	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	
Label elements		
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Signal word Hazard statement Danger

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May cause damage to organs 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 apply while equipment is energized. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. 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. Do not breathe mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

Response	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.

### 3. Composition/information on ingredients

**Mixtures** 

Chemical name	Common name and synonyms	CAS number	%
acetone		67-64-1	30 - 40
isobutyl acetate		110-19-0	10 - 20
propane		74-98-6	10 - 20
n-butane		106-97-8	5 - 10
ethylene glycol propyl ether		2807-30-9	3 - 5
methyl isobutyl ketone		108-10-1	1 - 3
methyl propyl ketone		107-87-9	1 - 3
propylene glycol methyl ether acetate		108-65-6	1 - 3
carbon black		1333-86-4	< 1

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	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
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	In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.
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. 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.

## 5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
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 rupture when exposed to heat or flame. 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	In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.
General fire hazards	Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.

#### 6. Accidental release measures

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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. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. 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. Prevent product from entering drains. Stop the flow of material, if this is without risk. 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 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.
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. Avoid contact with eyes. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, please see the product label.
Conditions for safe storage,	Level 3 Aerosol.
including any incompatibilities	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. Store in a well-ventilated place. 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 Components	Туре	Value	
acetone (CAS 67-64-1)	PEL	2400 mg/m3	
		1000 ppm	
carbon black (CAS 1333-86-4)	PEL	3.5 mg/m3	
isobutyl acetate (CAS 110-19-0)	PEL	700 mg/m3	
		150 ppm	
methyl isobutyl ketone (CAS 108-10-1)	PEL	410 mg/m3	
		100 ppm	
methyl propyl ketone (CAS 107-87-9)	PEL	700 mg/m3	
		200 ppm	
propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
US. ACGIH Threshold Limit Values	6		
Components	Туре	Value Form	
acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	

1333-864) 1333-864) 110-19-0) TWA 50 ppm methyl isobulyl ketone STEL 75 ppm (CAS 108-10-1) TWA 20 ppm methyl isobulyl ketone (CAS STEL 160 ppm 107-87-9) TWA 20 ppm r-butane (CAS 106-97-8) STEL 1000 ppm US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value acetone (CAS 67-64-1) TWA 500 ppm acaton black (CAS TWA 0.1 mg/m3 1333-86-4) STEL 300 mg/m3 Components Type 500 mg/m3 Components Type 500 mg/m3 Components 75 ppm TWA 205 mg/m3 Components 75 ppm Components 75 ppm TWA 205 mg/m3 Components 75 ppm TWA 205 mg/m3 Components 75 ppm Comp	Components	Тур	e	١	/alue	Form
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n-butane (CAS 106-97-8) TWA 1900 mg/m3 800 ppm propane (CAS 74-98-6) TWA 1800 mg/m3 1000 ppm US. AIHA Workplace Environmental Exposure Level (WEEL) Guides Components Type Value propylene glycol methyl TWA 50 ppm ther acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposure Indices Components Value Determinant Specimen Sampling Time acetone (CAS 67-64-1) 25 mg/l Acetone Urine * methyl isobutyl ketone 1 mg/l Methyl isobutyl Urine * methyl isobutyl ketone 1 mg/l Methyl isobutyl Urine * * - For sampling details, please see the source document. osure guidelines US - California OELs: Skin designation propylene glycol methyl ether acetate (CAS 108-65-6) Can be absorbed through the skin. ropriate engineering rols 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 ventilati or other engineering controls to maintain airborne levels below recommended exposure limits exposure limits have not been established, maintain airborne levels to an acceptable level. Pri eyewash station.	methyl propyl ketone (CAS 107-87-9)	TW	A	ξ	530 mg/m3	
propane (CAS 74-98-6)     TWA     800 ppm 1800 mg/m3 1000 ppm       US. AlHA Workplace Environmental Exposure Level (WEEL) Guides Components     Yalue       propylene glycol methyl ether acetate (CAS 108-65-6)     TWA     50 ppm       ogical limit values     Determinant     Specimen     Sampling Time       ACGIH Biological Exposure Indices Components     Value     Determinant     Specimen     Sampling Time       acetone (CAS 67-64-1)     25 mg/l     Acetone     Urine     *       acetone (CAS 67-64-1)     25 mg/l     Acetone     Urine     *       (CAS 108-10-1)     Ketone     Urine     *       * - For sampling details, please see the source document.     Source guidelines     Source guidelines       US - California OELs: Skin designation propylene glycol methyl ether acetate (CAS 108-65-6)     Can be absorbed through the skin.       roopriate engineering trols     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 ventilatio or other engineering controls to maintain airborne levels below recommended exposure limits exposure limits have not been established, maintain airborne levels below recommended exposure limits.						
propane (CAS 74-98-6)       TWA       1800 mg/m3 1000 ppm         US. AlHA Workplace Environmental Exposure Level (WEEL) Guides Components       Type       Value         propylene glycol methyl ether acetate (CAS 108-65-6)       TWA       50 ppm         ogical limit values       Determinant       Specimen       Sampling Time         ACGIH Biological Exposure Indices Components       Value       Determinant       Specimen       Sampling Time         acetone (CAS 67-64-1)       25 mg/l       Acetone       Urine       *         (CAS 108-10-1)       Ketone       Urine       *         * - For sampling details, please see the source document.       Source guidelines       *         US - California OELs: Skin designation propylene glycol methyl ether acetate (CAS 108-65-6)       Can be absorbed through the skin.         ropriate engineering rols       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 exposure limits have not been established, maintain airborne levels below recommended exposure limits exposure limits have not been established, maintain airborne levels to an acceptable level. Pri- eyewash station.	n-butane (CAS 106-97-8)	TWA	4		•	
1000 ppm         US. AIHA Workplace Environmental Exposure Level (WEEL) Guides         Components       Value         Value         propylene glycol methyl       TWA       50 ppm         of propylene glycol methyl ether acetate (CAS 108-65-6)       Value       Determinant       Specimen       Sampling Time         acetone (CAS 67-64-1)       25 mg/l       Acetone       Urine       *         (CAS 108-10-1)       Methyl isobutyl       Urine       *         * For sampling details, please see the source document.         Source guidelines       US - California OELs: Skin designation         propylene glycol methyl ether acetate (CAS 108-65-6)       Can be absorbed through the skin.       Coo						
US. AIHA Workplace Environmental Exposure Level (WEEL) Guides Components Type Value propylene glycol methyl TWA 50 ppm ther acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposure Indices Components Value Determinant Specimen Sampling Time acetone (CAS 67-64-1) 25 mg/l Acetone Urine * methyl isobutyl ketone 1 mg/l Methyl isobutyl Urine * (CAS 108-10-1) ketone * * - For sampling details, please see the source document. bosure guidelines US - California OELs: Skin designation propylene glycol methyl ether acetate (CAS 108-65-6) Can be absorbed through the skin. For grampling details, please see the source document. bosure guidelines US - California OELs: Skin designation propylene glycol methyl ether acetate (CAS 108-65-6) Can be absorbed through the skin. For grame guidelines are not been established, maintain airborne levels below recommended exposure limits, exposure limits have not been established, maintain airborne levels to an acceptable level. Pro- eyewash station.	propane (CAS 74-98-6)	TWA	4		•	
Components       Type       Value         propylene glycol methyl       TWA       50 ppm         bitering acetate (CAS       108-65-6)       50 ppm         ogical limit values       ACGIH Biological Exposure Indices       50 ppm         Components       Value       Determinant       Specimen         ACGIH Biological Exposure Indices       Components       Value       Determinant         Accomponents       Value       Determinant       Specimen       Sampling Time         acetone (CAS 67-64-1)       25 mg/l       Acetone       Urine       *         methyl isobutyl ketone       1 mg/l       Methyl isobutyl       Urine       *         (CAS 108-10-1)       ketone       *       *       *         * - For sampling details, please see the source document.       *       *       *         osure guidelines       US - California OELs: Skin designation       *       *         propylene glycol methyl ether acetate (CAS 108-65-6)       Can be absorbed through the skin.       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 ventilatior or other engineering controls to maintain airborne levels below recommended exposure limits.         word first       Source engineering controls to maintain				1	1000 ppm	
ether acetate (CAS 108-65-6)         ogical limit values         ACGIH Biological Exposure Indices         Components       Value         Determinant       Specimen       Sampling Time         acetone (CAS 67-64-1)       25 mg/l       Acetone       Urine       *         methyl isobutyl ketone       1 mg/l       Methyl isobutyl       Urine       *         (CAS 108-10-1)       ketone       *       *         * - For sampling details, please see the source document.       *       *         osure guidelines       US - California OELs: Skin designation       *         propylene glycol methyl ether acetate (CAS 108-65-6)       Can be absorbed through the skin.       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 ventilatior or other engineering controls to maintain airborne levels below recommended exposure limits. exposure limits have not been established, maintain airborne levels to an acceptable level. Proeyewash station.	LIS ALLA Markalass Envin	onmental Exposure	· ·		/alue	
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ACGIH Biological Exposure Indices Components       Value       Determinant       Specimen       Sampling Time         acetone (CAS 67-64-1)       25 mg/l       Acetone       Urine       *         methyl isobutyl ketone       1 mg/l       Methyl isobutyl ketone       Urine       *         * - For sampling details, please see the source document.       *       *       *         osure guidelines       US - California OELs: Skin designation propylene glycol methyl ether acetate (CAS 108-65-6)       Can be absorbed through the skin.       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.	Components propylene glycol methyl ether acetate (CAS			ξ	50 ppm	
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(CAS 108-10-1)       ketone         * - For sampling details, please see the source document.         osure guidelines         US - California OELs: Skin designation         propylene glycol methyl ether acetate (CAS 108-65-6)         Can be absorbed through the skin.         ropriate engineering         grols         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.         exposure limits have not been established, maintain airborne levels to an acceptable level. Proexistion.	Components propylene glycol methyl ether acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposur Components	TW/ re Indices Value	4	Specimen		ſime
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US - California OELs: Skin designation propylene glycol methyl ether acetate (CAS 108-65-6) Can be absorbed through the skin. ropriate engineering trols 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. exposure limits have not been established, maintain airborne levels to an acceptable level. Pro- eyewash station.	Components propylene glycol methyl ether acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposur Components acetone (CAS 67-64-1) methyl isobutyl ketone (CAS 108-10-1)	TW/ Te Indices Value 25 mg/l 1 mg/l	A Determinant Acetone Methyl isobutyl ketone	Specimen Urine	Sampling 1	ſime
propylene glycol methyl ether acetate (CAS 108-65-6) Can be absorbed through the skin. ropriate engineering trols 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. exposure limits have not been established, maintain airborne levels to an acceptable level. Pro- eyewash station.	Components propylene glycol methyl ether acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposur Components acetone (CAS 67-64-1) methyl isobutyl ketone (CAS 108-10-1)	TW/ Te Indices Value 25 mg/l 1 mg/l	A Determinant Acetone Methyl isobutyl ketone	Specimen Urine	Sampling 1	lime .
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 exposure limits have not been established, maintain airborne levels to an acceptable level. Proeyewash station.	Components propylene glycol methyl ether acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposur Components acetone (CAS 67-64-1) methyl isobutyl ketone (CAS 108-10-1)	TW/ Te Indices Value 25 mg/l 1 mg/l	A Determinant Acetone Methyl isobutyl ketone	Specimen Urine	Sampling 1	ſime
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 exposure limits have not been established, maintain airborne levels to an acceptable level. Proceeding eyewash station.	Components propylene glycol methyl ether acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposur Components acetone (CAS 67-64-1) methyl isobutyl ketone (CAS 108-10-1) * - For sampling details, plea osure guidelines	TW/ TW/ Value 25 mg/l 1 mg/l ase see the source doo	A Determinant Acetone Methyl isobutyl ketone	Specimen Urine	Sampling 1	ſime
	Components propylene glycol methyl ether acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposur Components acetone (CAS 67-64-1) methyl isobutyl ketone (CAS 108-10-1) * - For sampling details, plea osure guidelines US - California OELs: Skin	TW/ TW/ Value 25 mg/l 1 mg/l ase see the source doo designation	A Determinant Acetone Methyl isobutyl ketone cument.	<b>Specimen</b> Urine Urine	Sampling T	l'ime
vidual protection measures, such as personal protective equipment	Components propylene glycol methyl ether acetate (CAS 108-65-6) ogical limit values ACGIH Biological Exposur Components acetone (CAS 67-64-1) methyl isobutyl ketone (CAS 108-10-1) * - For sampling details, plea osure guidelines US - California OELs: Skin	TW/ Te Indices Value 25 mg/l 1 mg/l ase see the source door designation ether acetate (CAS 10 Good general vent should be matched or other engineerir exposure limits hav	A Determinant Acetone Methyl isobutyl ketone cument. D8-65-6) Can be ilation (typically 10 a t to conditions. If app ng controls to mainta	Specimen Urine Urine absorbed thro ir changes pe blicable, use p in airborne lev	Sampling 1 * * * bugh the skin. r hour) should be rocess enclosure rels below recom	e used. Ventilation rates es, local exhaust ventilatio mended exposure limits.

Wear protective gloves such as: Nitrile. Butyl rubber.

Skin protection

Hand protection

Other	Wear suitable protective clothing.
Respiratory protection	If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.
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.
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 exp	losive limits
Flammability limit - lower (%)	1.7 %
Flammability limit - upper (%)	10.9 %
Vapor pressure	2191.2 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.
	85 % 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	Acids. Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

### 11. Toxicological information

Inhalation

#### Information on likely routes of exposure

May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact	Prolonged skin contact may cause temporary irritation.	
Eye contact Causes serious eye irritation.		
Ingestion	Health injuries are not known or expected under normal use.	
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.	

#### Information on toxicological effects

Acute toxicity	Not known.	
Components	Species	Test Results
acetone (CAS 67-64-1)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	20000 mg/kg
Inhalation		
LC50	Rat	16000 ppm, 4 hours
Oral		
LD50	Rat	5800 mg/kg
carbon black (CAS 1333-86-4)		
<u>Acute</u>		
Oral		
LD50	Rat	> 8000 mg/kg
ethylene glycol propyl ether (Ca	AS 2807-30-9)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	0.87 g/kg
Oral		
LD50	Rat	4.45 g/kg
methyl isobutyl ketone (CAS 10	08-10-1)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 3 g/kg
Inhalation		
LC50	Rat	8.2 mg/l, 4 Hours
Oral		
LD50	Rat	2080 mg/kg
methyl propyl ketone (CAS 107	7-87-9)	
<u>Acute</u>		
Oral		
LD50	Rat	3.73 g/kg
propane (CAS 74-98-6)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg
propylene glycol methyl ether a	acetate (CAS 108-65-6)	
<u>Acute</u>		
Oral		
LD50	Rat	8500 mg/kg
* Estimates for product ma	ay be based on additional component data n	pt shown.
Skin corrosion/irritation	Prolonged skin contact may cause terr	
Serious eye damage/eye	Causes serious eye irritation.	
irritation		

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 I	Evaluation of Carcinogenicity		
Not listed.			
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.		
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.		
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Aspiration hazard	Not an aspiration hazard.		
Chronic effects	May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.		

### 12. Ecological information

otoxicity			
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
methyl isobutyl ketone	e (CAS 108-10-1)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	492 - 593 mg/l, 96 hours
methyl propyl ketone (	(CAS 107-87-9)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	1190 - 1290 mg/l, 96 hours

\* 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

Partition coefficient n-octanol / water (log Kow)		
acetone	-0.24	
isobutyl acetate	1.78	
methyl isobutyl ketone	1.31	
methyl propyl ketone	0.91	
n-butane	2.89	
propane	2.36	
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

Disposal of waste	from
residues / unused	products

If discarded, this product is considered a RCRA ignitable waste, D001. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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 in accordance with all applicable regulations.

Hazardous waste code Contaminated packaging D001: Waste Flammable material with a flash point <140 F

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

DO	т	
	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
ΙΑΤ		
	UN number	UN1950
	UN proper shipping name	Aerosols, flammable, limited quantity
	Transport hazard class(es)	
	Class	2.1
	Subsidiary risk	-
	Packing group	Not applicable.
	ERG Code	10L
		Read safety instructions, SDS and emergency procedures before handling.
	Other information	
	Passenger and cargo	Allowed with restrictions.
	aircraft	
	Cargo aircraft only	Allowed with restrictions.
IMC	-	
	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.
15	. Regulatory information	l
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 N	lotification (40 CFR 707, Subpt. D)
	Not regulated.	· · · · · · · · · · · · · · · · · · ·
	SARA 304 Emergency releas	e notification
	Not regulated.	
		ated Substances (29 CFR 1910.1001-1050)
	Not regulated	

Listed.

Not regulated.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

ethylene glycol propyl ether (CAS 2807-30-9) methyl isobutyl ketone (CAS 108-10-1) CERCLA Hazardous Substance List (40 CFR 302.4)

acetone (CAS 67-64-1)	
ethylene alycal propyl ether (CAS $2807_30_9$ )	

ethylene glycol propyl ether (CAS 2807-30-9)	Listed.
isobutyl acetate (CAS 110-19-0)	Listed.
methyl isobutyl ketone (CAS 108-10-1)	Listed.

### CERCLA Hazardous Substances: Reportable quantity

acetone (CAS 67-64-1)	5000 LBS
isobutyl acetate (CAS 110-19-0)	5000 LBS
methyl isobutyl ketone (CAS 108-10-1)	5000 LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Response Center (600-42	24-0002) and to your Local E	mergency Planning Committe	ee.
Clean Air Act (CAA) Section	112 Hazardous Air Polluta	ants (HAPs) List	
ethylene glycol propyl eth methyl isobutyl ketone (C			
Clean Air Act (CAA) Section		Prevention (40 CFR 68.130	)
n-butane (CAS 106-97-8) propane (CAS 74-98-6)			
Safe Drinking Water Act (SDWA)	Not regulated.		
Drug Enforcement Administ Code Number	ration (DEA). List 2, Esser	tial Chemicals (21 CFR 131	0.02(b) and 1310.04(f)(2) and Chemical
acetone (CAS 67-64-1)		6532	
methyl isobutyl ketone (C	AS 108-10-1)	6715	
Drug Enforcement Administ	ration (DEA). List 1 & 2 Ex	empt Chemical Mixtures (2 <sup>-</sup>	1 CFR 1310.12(c))
acetone (CAS 67-64-1)		35 %WV	
methyl isobutyl ketone (C		35 %WV	
DEA Exempt Chemical Mixtu	ures Code Number		
acetone (CAS 67-64-1)		6532	
methyl isobutyl ketone (C	,	6715	
FEMA Priority Substances F	Respiratory Health and Saf	-	ring Workplace
acetone (CAS 67-64-1)		Low priority	
isobutyl acetate (CAS 110		Low priority	
methyl isobutyl ketone (C		Low priority	
methyl propyl ketone (CA	,	Low priority	
Food and Drug Administration (FDA)	Not regulated.		
Superfund Amendments and	d Reauthorization Act of 1	986 (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			
-	nemicals List. Safer Consu	mer Products Regulations	(Cal. Code Regs, tit. 22, 69502.3, subd.
acetone (CAS 67-64-1) carbon black (CAS 1333- ethylene glycol propyl eth methyl isobutyl ketone (C n-butane (CAS 106-97-8)	er (CAS 2807-30-9) AS 108-10-1)		
US. New Jersey Worker and	Community Right-to-Know	w Act	
acetone (CAS 67-64-1) carbon black (CAS 1333- ethylene glycol propyl eth isobutyl acetate (CAS 110 methyl isobutyl ketone (CA methyl propyl ketone (CA n-butane (CAS 106-97-8) propane (CAS 74-98-6)	er (ČAS 2807-30-9) D-19-0) AS 108-10-1) S 107-87-9)		
US. Massachusetts RTK - Si	ubstance List		
acetone (CAS 67-64-1) isobutyl acetate (CAS 110 methyl isobutyl ketone (C	D-19-0)		

methyl propyl ketone (CAS 107-87-9) n-butane (CAS 106-97-8) propane (CAS 74-98-6)

#### US. Pennsylvania Worker and Community Right-to-Know Law

acetone (CAS 67-64-1) carbon black (CAS 1333-86-4) ethylbenzene (CAS 100-41-4) ethylene glycol propyl ether (CAS 2807-30-9) isobutyl acetate (CAS 110-19-0) 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)

#### US. Rhode Island RTK

acetone (CAS 67-64-1) ethylbenzene (CAS 100-41-4) ethylene glycol propyl ether (CAS 2807-30-9) isobutyl acetate (CAS 110-19-0) methyl isobutyl ketone (CAS 108-10-1) n-butane (CAS 106-97-8) propane (CAS 74-98-6)

#### **US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

carbon black (CAS 1333-86-4)	Listed: February 21, 2003	
ethylbenzene (CAS 100-41-4)	Listed: June 11, 2004	
methyl isobutyl ketone (CAS 108-10-1)	Listed: November 4, 2011	
US - California Proposition 65 - CRT: Listed date/Developmental toxin		

methyl isobutyl ketone (CAS 108-10-1)

#### Volatile organic compounds (VOC) regulations

EPA

Aerosol coatings (40	Compliant
CFR 59, Subpt. E)	

#### State

This product is regulated as a Non-Flat Paint. This product is compliant for sale in all 50 states.

Listed: March 28, 2014

#### Maximum incremental 0.79 reactivity (MIR)

International Inventories

Aerosol coatings

#### Country(s) or region On inventory (yes/no)\* Inventory name 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 European Inventory of Existing Commercial Chemical Europe Yes Substances (EINECS) Europe European List of Notified Chemical Substances (ELINCS) No Inventory of Existing and New Chemical Substances (ENCS) Japan Yes Korea Existing Chemicals List (ECL) Yes New Zealand Inventory New Zealand Yes Philippines Philippine Inventory of Chemicals and Chemical Substances Yes (PICCS) 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

Issue date

Prepared by Allison Cho Version # 01 **Further information** Not available. **HMIS®** ratings Health: 2\* Flammability: 4 Physical hazard: 1 Personal protection: B Health: 2 **NFPA** ratings Flammability: 4 Instability: 1 **NFPA** ratings The information contained in this document applies to this specific material as supplied. It may not Disclaimer be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries, Inc.. This document has undergone significant changes and should be reviewed in its entirety. **Revision Information**