



Safety Data Sheet

Issue date 12-Jul-2018

Revision date 11-Apr-2019

Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier Kent® Black Satin Metal Trim Paint

Other means of identification P60145

Recommended use Coating

Restrictions on use For industrial use only

Supplier

Corporate Headquarters:
Kent Automotive
8770 W. Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
(888)-937-5368

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

Website <https://www.lawsonproducts.com>

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Germ cell mutagenicity	Category 1A
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Compressed gas

Symbol



Signal word DANGER

Hazard statements

- H222 - Extremely flammable aerosol
- H280 - Contains gas under pressure; may explode if heated
- H304 - May be fatal if swallowed and enters airways
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness
- H340 - May cause genetic defects
- H351 - Suspected of causing cancer
- H361 - Suspected of damaging fertility or the unborn child
- H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements

General

- P101 - If medical advice is needed, have product container or label at hand
- P102 - Keep out of reach of children
- P103 - Read label before use.

Prevention

- P201 - Obtain special instructions before use
- P202 - Do not handle until all safety precautions have been read and understood
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 - Do not spray on an open flame or other ignition source
- P251 - Pressurized container: Do not pierce or burn, even after use
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray
- P280 - Wear protective gloves/protective clothing and eye/face protection
- P271 - Use only outdoors or in a well-ventilated area
- P264 - Wash hands thoroughly after handling

Response

General

- P321 - For Specific treatment see section 4 of this sds
- P312 - Call a POISON CENTER or doctor if you feel unwell
- P308 + P313 - IF exposed or concerned: Get medical advice/attention
- P314 - Get medical advice/attention if you feel unwell.

Eyes

- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P337 + P313 - If eye irritation persists: Get medical advice/attention

Skin

- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
- P362 - Take off contaminated clothing and wash before reuse
- P332 + P313 - If skin irritation occurs: Get medical advice/attention

Inhalation

- P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Ingestion

- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P331 - Do NOT induce vomiting

Storage

- P405 - Store locked up
- P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
- P410 + P403 - Protect from sunlight. Store in a well-ventilated place
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

Disposal	P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
Hazard(s) Not Otherwise Classified (HNOC)	Not available.
Physical Hazards Not Otherwise Classified (PHNOC)	Not available.
Unknown acute toxicity	Not available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Acetone	67-64-1	30-40
Toluene	108-88-3	13-30
Petroleum gases, liquified, sweetened	68476-86-8	13-30
Isobutyl acetate	110-19-0	7-10
Xylene (mix)	1330-20-7	.1-5
Butanone	78-93-3	1.5-5
n-Butyl acetate	123-86-4	1-1.5
Carbon Black	1333-86-4	1-5
Silicon Dioxide	68611-44-9	<1
Polyethylene	9002-88-4	<1
Methanol	67-56-1	<1
Flux calcined diatomaceous earth	68855-54-9	<1
Ethylbenzene	100-41-4	<1
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	16883-83-3	<1
2-Butoxyethanol	111-76-2	<1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information	Immediately remove all soiled and contaminated clothing.
Inhalation	If unconscious, place patient in side position for transportation.
Ingestion	If symptoms persist, call a physician.
Skin contact	Immediately wash with water and soap and rinse thoroughly.
Eye contact	Rinse opened eye for several minutes under running water. If symptoms persist, call a physician.
Most important symptoms (acute)	Not available.
Most important symptoms (over-exposure)	Not available.
Indication of any immediate	Not available.

medical attention and
special treatment needed

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide (CO ₂). Extinguishing powder. Water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media	None known.
Specific hazards	Formation of toxic gases is possible during heating or in case of fire.
Special protective equipment for fire-fighters	Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Evacuate area of unprotected and unnecessary personnel. Wear personal protective clothing and equipment, see section 8.
Methods and materials for containment and cleaning up	Prevent entry into waterways, sewers, basements, and confined areas. Dispose contaminated material as waste according to section 13. Ensure adequate ventilation. Refer to protective measures listed in sections 7 and 8.

7. HANDLING AND STORAGE

Precautions for safe handling	No special handling procedures needed. Ensure good ventilation or exhaustion at the workplace. Do not spray on a naked flame or any other incandescent material. Keep away from sources of ignition - No smoking. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Conditions for safe storage, including any incompatibilities	Store according to federal, state, and local guidelines. Incompatible with oxidizing agents. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	See information below
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Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Acetone	1000 ppm TWA 2400 mg/m ³ TWA	500 ppm STEL 250 ppm TWA	250 ppm TWA 590 mg/m ³ TWA
Toluene	300 ppm Ceiling 200 ppm TWA	20 ppm TWA	150 ppm STEL 560 mg/m ³ STEL 100 ppm TWA 375 mg/m ³ TWA
Petroleum gases, liquified, sweetened	-	-	-
Isobutyl acetate	150 ppm TWA 700 mg/m ³ TWA	150 ppm STEL 50 ppm TWA	150 ppm TWA 700 mg/m ³ TWA
Xylene (mix)	100 ppm TWA 435 mg/m ³ TWA	150 ppm STEL 100 ppm TWA	-
Butanone	200 ppm TWA 590 mg/m ³ TWA	300 ppm STEL 200 ppm TWA	300 ppm STEL 885 mg/m ³ STEL 200 ppm TWA 590 mg/m ³ TWA
n-Butyl acetate	150 ppm TWA 710 mg/m ³ TWA	150 ppm STEL 50 ppm TWA	200 ppm STEL 950 mg/m ³ STEL 150 ppm TWA

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
			710 mg/m ³ TWA
Carbon Black	3.5 mg/m ³ TWA	3 mg/m ³ TWA	3.5 mg/m ³ TWA 0.1 mg/m ³ TWA
Silicon Dioxide	-	-	-
Polyethylene	-	-	-
Methanol	200 ppm TWA 260 mg/m ³ TWA	250 ppm STEL 200 ppm TWA Skin	250 ppm STEL 325 mg/m ³ STEL 200 ppm TWA 260 mg/m ³ TWA
Flux calcined diatomaceous earth	-	-	-
Ethylbenzene	100 ppm TWA 435 mg/m ³ TWA	20 ppm TWA	125 ppm STEL 545 mg/m ³ STEL 100 ppm TWA 435 mg/m ³ TWA
Benzyl 3-isobutylloxy-1-isopropyl-2-2-dimethylpro pyl phthalate	-	-	-
2-Butoxyethanol	Skin 50 ppm TWA 240 mg/m ³ TWA	20 ppm TWA	5 ppm TWA 24 mg/m ³ TWA

Appropriate engineering controls

A safety shower and eye wash station should be available for emergency use. Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye protection

If splashes are likely to occur, wear:.. Tightly fitting safety goggles. Wear safety glasses with side shields.

Skin and body protection

Chemical-resistant, impervious gloves (Nitrile or Viton) complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use the the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. Immediately remove all soiled and contaminated clothing. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Store protective clothing separately. Avoid contact with skin and eyes.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Acetone	750 ppm STEL 1800 mg/m ³ STEL 500 ppm TWA 1200 mg/m ³	500 ppm STEL 250 ppm TWA	250 ppm TWA 500 ppm STEL	750 ppm STEL 1782 mg/m ³ STEL 500 ppm TWA 1188 mg/m ³	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	1000 ppm STEV 2380 mg/m ³ STEV 500 ppm TWA 1190 mg/m ³	750 ppm STEL 500 ppm TWA

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
	TWA			TWA					TWAEV	
Toluene	50 ppm TWA 188 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	50 ppm TWA 188 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	50 ppm TWAEV 188 mg/m ³ TWAEV	60 ppm STEL 50 ppm TWA
Petroleum gases, liquified, sweetened	-	-	-	-	-	-	-	-	-	-
Isobutyl acetate	150 ppm TWA 713 mg/m ³ TWA	150 ppm TWA	50 ppm TWA 150 ppm STEL	150 ppm TWA 713 mg/m ³ TWA	150 ppm STEL 50 ppm TWA 50 ppm TWA	150 ppm STEL 50 ppm TWA	150 ppm TWA	150 ppm STEL 50 ppm TWA 50 ppm TWA	150 ppm TWAEV 713 mg/m ³ TWAEV	188 ppm STEL 150 ppm TWA
Xylene (mix)	150 ppm STEL 651 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	150 ppm STEL 100 ppm TWA	100 ppm TWA 150 ppm STEL	150 ppm STEL 651 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	150 ppm STEL 100 ppm TWA	150 ppm STEL 100 ppm TWA	150 ppm STEL 100 ppm TWA	150 ppm STEL 100 ppm TWA	150 ppm STEV 651 mg/m ³ STEV 100 ppm TWAEV 434 mg/m ³ TWAEV	150 ppm STEL 100 ppm TWA
Butanone	300 ppm STEL 885 mg/m ³ STEL 200 ppm TWA 590 mg/m ³ TWA	100 ppm STEL 50 ppm TWA	200 ppm TWA 300 ppm STEL	300 ppm STEL 885 mg/m ³ STEL 200 ppm TWA 590 mg/m ³ TWA	300 ppm STEL 200 ppm TWA	300 ppm STEL 200 ppm TWA	300 ppm STEL 200 ppm TWA	300 ppm STEL 200 ppm TWA	100 ppm STEV 300 mg/m ³ STEV 50 ppm TWAEV 150 mg/m ³ TWAEV	300 ppm STEL 200 ppm TWA
n-Butyl acetate	200 ppm STEL 950 mg/m ³ STEL 150 ppm TWA 713 mg/m ³ TWA	20 ppm TWA	50 ppm TWA 150 ppm STEL	200 ppm STEL 950 mg/m ³ STEL 150 ppm TWA 713 mg/m ³ TWA	150 ppm STEL 50 ppm TWA 50 ppm TWA	150 ppm STEL 50 ppm TWA	200 ppm STEL 150 ppm TWA	150 ppm STEL 50 ppm TWA 50 ppm TWA	200 ppm STEV 950 mg/m ³ STEV 150 ppm TWAEV 713 mg/m ³ TWAEV	200 ppm STEL 150 ppm TWA
Carbon Black	3.5 mg/m ³ TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	3.5 mg/m ³ TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	3.5 mg/m ³ TWAEV	7 mg/m ³ STEL 3.5 mg/m ³ TWA
Silicon Dioxide	-	-	-	-	-	-	-	-	-	-
Polyethylene	-	-	-	-	-	-	-	-	-	-
Methanol	250 ppm STEL 328 mg/m ³ STEL 200 ppm TWA 262 mg/m ³ TWA	250 ppm STEL 200 ppm TWA	200 ppm TWA 250 ppm STEL	250 ppm STEL 328 mg/m ³ STEL 200 ppm TWA 262 mg/m ³ TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEV 328 mg/m ³ STEV 200 ppm TWAEV 262 mg/m ³ TWAEV	250 ppm STEL 200 ppm TWA
Flux calcined diatomaceous earth	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	125 ppm STEL 543 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	125 ppm STEL 543 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	125 ppm STEV 543 mg/m ³ STEV 100 ppm TWAEV 434 mg/m ³ TWAEV	125 ppm STEL 100 ppm TWA
Benzyl 3-isobutyloxy-1-iso propyl-2-2-dimethyl propyl phthalate	-	-	-	-	-	-	-	-	-	-
2-Butoxyethanol	20 ppm	20 ppm	20 ppm	25 ppm	20 ppm	20 ppm	20 ppm	20 ppm	20 ppm	30 ppm

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
	TWA 97 mg/m ³ TWA	TWA	TWA	TWA 121 mg/m ³ TWA	TWA	TWA	TWA	TWA	TWAEV 97 mg/m ³ TWAEV	STEL 20 ppm TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol
Color	Black
Odor	Characteristic
Odor threshold	No information available
pH	No data available
Melting point/range °C	No data available
Melting point/range °F	Not available
Boiling point/range °C	55 °C
Boiling point/range °F	131 °F
Flash point °C	-103
Flash point °F	-153.4
Flash point method used	based on propellant
Evaporation rate	No data available
Flammability (Solid, Gas)	Extremely Flammable Aerosol
Lower explosion limit	1.2 %
Upper explosion limit	13 %
Vapor pressure	233 hPa
Vapor density	No data available
Relative density	0.78295
Solubility	Practically insoluble in water
Partition coefficient (n-octanol/water)	No data available
Autoignition temperature °C	Product is not self-igniting
Autoignition temperature °F	Product is not self-igniting
Decomposition temperature °C	No data available

Decomposition temperature °F No data available

Viscosity No data available

10. STABILITY AND REACTIVITY

Reactivity Not available.

Chemical stability Not available.

Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid Not available.

Incompatible materials None known based on information supplied.

Hazardous decomposition products Hazardous Thermal Decomposition Products: Nitrogen oxides (NOx). Hydrocarbons. Carbon dioxide (CO₂). Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Dermal. Inhalation. Ingestion. Eyes.

Symptoms Eye and skin irritant. Causes irritation to the mucous membranes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure Not available.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Acetone	= 50100 mg/m ³ (Rat) 8 h	> 15700 mg/kg (Rabbit)	= 5800 mg/kg (Rat)
Toluene	= 12.5 mg/L (Rat) 4 h	= 12000 mg/kg (Rabbit)	= 2600 mg/kg (Rat)
Petroleum gases, liquified, sweetened	-	-	-
Isobutyl acetate	-	> 17400 mg/kg (Rabbit)	= 15400 mg/kg (Rat)
Xylene (mix)	= 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h > 5.04 mg/L (Rat) 4 h	> 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 3500 mg/kg (Rat) = 4820 mg/kg (Rat)
Butanone	= 11700 ppm (Rat) 4 h	= 5000 mg/kg (Rabbit) = 6480 mg/kg (Rabbit)	= 2483 mg/kg (Rat) = 2737 mg/kg (Rat)
n-Butyl acetate	= 390 ppm (Rat) 4 h	> 17600 mg/kg (Rabbit)	= 10768 mg/kg (Rat)
Carbon Black	-	> 3 g/kg (Rabbit)	> 15400 mg/kg (Rat)
Silicon Dioxide	= 0.45 mg/L (Rat) 4 h	-	> 5000 mg/kg (Rat)
Polyethylene	-	-	= 8 g/kg (Rat) > 2000 mg/kg (Rat)
Methanol	= 22500 ppm (Rat) 8 h = 64000 ppm (Rat) 4 h	= 15800 mg/kg (Rabbit) = 15840 mg/kg (Rabbit)	= 6200 mg/kg (Rat)
Flux calcined diatomaceous earth	-	-	-
Ethylbenzene	= 17.4 mg/L (Rat) 4 h > 5.04 mg/L (Rat) 4 h	= 15400 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 3500 mg/kg (Rat) = 4820 mg/kg (Rat)
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	-	> 7490 mg/kg (Rabbit)	> 15800 mg/kg (Rat)
2-Butoxyethanol	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h	= 99 mg/kg (Rabbit)	= 470 mg/kg (Rat)

ATEmix (dermal)	Not available
ATEmix (oral)	Not available
ATEmix (inhalation-gas)	Not available
ATEmix (inhalation-vapor)	Not available
ATEmix (inhalation-dust/mist)	Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Acetone	A4	-	-	-
Toluene	A4	Group 3	-	-
Petroleum gases, liquified, sweetened	-	-	-	-
Isobutyl acetate	-	-	-	-
Xylene (mix)	A4	Group 3	-	-
Butanone	-	-	-	-
n-Butyl acetate	-	-	-	-
Carbon Black	A3	Group 2B	Listed	-
Silicon Dioxide	-	-	-	-
Polyethylene	-	Group 3	-	-
Methanol	-	-	-	-
Flux calcined diatomaceous earth	-	Group 3	-	-
Ethylbenzene	A3	Group 2B	Listed	-
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	-	-	-	-
2-Butoxyethanol	A3	Group 3	-	-

**Canadian Province
carcinogenicity limits**

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Acetone	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Toluene	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Petroleum gases, liquified, sweetened	-	-	-	-	-	-
Isobutyl acetate	-	-	-	-	-	-
Xylene (mix)	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Butanone	-	-	-	-	-	-
n-Butyl acetate	-	-	-	ACGIH A4	-	-
Carbon Black	-	IARC 2B	ACGIH A3	ACGIH A4	ACGIH A3	-
Silicon Dioxide	-	-	-	-	-	-
Polyethylene	-	-	-	-	-	-
Methanol	-	-	-	-	-	-
Flux calcined diatomaceous earth	-	-	-	-	-	-
Ethylbenzene	-	IARC 2B	ACGIH A3	-	ACGIH A3	-
Benzyl	-	-	-	-	-	-

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate						
2-Butoxyethanol	-	-	ACGIH A3	-	ACGIH A3	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Hazardous for water, do not empty into drains.

Chemical name	Algae/aquatic plants	Fish
Acetone	-	4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50
Toluene	433: 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static	15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 54: 96 h Oryzias latipes mg/L LC50 static 12.6: 96 h Pimephales promelas mg/L LC50 static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static
Petroleum gases, liquified, sweetened	-	-
Isobutyl acetate	-	101: 48 h Leuciscus idus melanotus mg/L LC50 static 101 - 123: 48 h Leuciscus idus melanotus mg/L LC50 flow-through
Xylene (mix)	11: 72 h Pseudokirchneriella subcapitata mg/L EC50	13.4: 96 h Pimephales promelas mg/L LC50 flow-through 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 19: 96 h Lepomis macrochirus mg/L LC50 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static
Butanone	-	3130 - 3320: 96 h Pimephales promelas mg/L LC50 flow-through
n-Butyl acetate	674.7: 72 h Desmodesmus subspicatus mg/L EC50	100: 96 h Lepomis macrochirus mg/L LC50 static 17 - 19: 96 h Pimephales promelas mg/L LC50 flow-through 62: 96 h Leuciscus idus mg/L LC50 static
Carbon Black	-	-
Silicon Dioxide	-	-
Polyethylene	-	-
Methanol	-	28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50

Chemical name	Algae/aquatic plants	Fish
		flow-through
Flux calcined diatomaceous earth	-	-
Ethylbenzene	4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 11: 72 h Pseudokirchneriella subcapitata mg/L EC50	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 9.6: 96 h Poecilia reticulata mg/L LC50 static 32: 96 h Lepomis macrochirus mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	5: 96 h Pseudokirchneriella subcapitata mg/L EC50	5: 96 h Oncorhynchus mykiss mg/L LC50 static 5: 96 h Pimephales promelas mg/L LC50 static
2-Butoxyethanol	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50

Persistence and degradability No data available.

Bioaccumulation Not available

Chemical name	CAS-No	Partition coefficient (log Kow)
Acetone 67-64-1	67-64-1	-0.24
Toluene 108-88-3	108-88-3	2.7
Petroleum gases, liquified, sweetened 68476-86-8	68476-86-8	<=2.8
Isobutyl acetate 110-19-0	110-19-0	1.72
Xylene (mix) 1330-20-7	1330-20-7	2.77 - 3.15
Butanone 78-93-3	78-93-3	0.3
n-Butyl acetate 123-86-4	123-86-4	1.81 23 °C
Carbon Black 1333-86-4	1333-86-4	-
Silicon Dioxide 68611-44-9	68611-44-9	-
Polyethylene 9002-88-4	9002-88-4	-
Methanol 67-56-1	67-56-1	-0.77
Flux calcined diatomaceous earth 68855-54-9	68855-54-9	-
Ethylbenzene 100-41-4	100-41-4	3.2
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate 16883-83-3	16883-83-3	-
2-Butoxyethanol 111-76-2	111-76-2	0.81 25 °C

Mobility in soil Not available.

Other adverse effects Danger to drinking water if even extremely small quantities leak into the ground. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs

13. DISPOSAL CONSIDERATIONS

Disposal information Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

Contaminated packaging Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No UN1950
 Proper shipping name Aerosols
 Hazard Class(es) 2.1
 Marine pollutant No.
 Special Provisions LTD QTY

TDG

ID-No UN1950
 Proper shipping name Aerosols
 Hazard Class(es) 2.1
 Marine pollutant No.
 Special Provisions LTD QTY

IATA

ID-No UN1950
 Proper shipping name Aerosols, flammable
 Hazard Class(es) 2.1
 Special Provisions LTD QTY

IMDG/IMO

ID-No UN1950
 Proper shipping name Aerosols
 Hazard Class(es) 2.1
 EmS No F-D, S-U
 Marine pollutant No
 Special Provisions LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Acetone	67-64-1	-	-	-
Toluene	108-88-3	-	-	-
Petroleum gases, liquified, sweetened	68476-86-8	-	-	-
Isobutyl acetate	110-19-0	-	-	-
Xylene (mix)	1330-20-7	-	-	-
Butanone	78-93-3	-	-	-
n-Butyl acetate	123-86-4	-	-	-
Carbon Black	1333-86-4	-	-	-
Silicon Dioxide	68611-44-9	-	-	-
Polyethylene	9002-88-4	-	-	-

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Methanol	67-56-1	-	-	-
Flux calcined diatomaceous earth	68855-54-9	-	-	-
Ethylbenzene	100-41-4	-	-	-
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	16883-83-3	-	-	-
2-Butoxyethanol	111-76-2	-	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

15. REGULATORY INFORMATION**State regulations****U.S. state Right-to-Know regulations**

See information below

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Acetone	67-64-1	X	X	X
Toluene	108-88-3	X	X	X
Petroleum gases, liquified, sweetened	68476-86-8	-	-	-
Isobutyl acetate	110-19-0	X	X	X
Xylene (mix)	1330-20-7	X	X	X
Butanone	78-93-3	X	X	X
n-Butyl acetate	123-86-4	X	X	X
Carbon Black	1333-86-4	X	X	X
Silicon Dioxide	68611-44-9	-	-	-
Polyethylene	9002-88-4	-	-	-
Methanol	67-56-1	X	X	X
Flux calcined diatomaceous earth	68855-54-9	-	-	X
Ethylbenzene	100-41-4	X	X	X
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	16883-83-3	-	-	-
2-Butoxyethanol	111-76-2	X	X	X

California Prop. 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm

Chemical name	CAS-No	California Prop. 65
Acetone	67-64-1	-
Toluene	108-88-3	Developmental
Petroleum gases, liquified, sweetened	68476-86-8	-
Isobutyl acetate	110-19-0	-
Xylene (mix)	1330-20-7	-
Butanone	78-93-3	-

Chemical name	CAS-No	California Prop. 65
n-Butyl acetate	123-86-4	-
Carbon Black	1333-86-4	Carcinogen
Silicon Dioxide	68611-44-9	-
Polyethylene	9002-88-4	-
Methanol	67-56-1	Developmental
Flux calcined diatomaceous earth	68855-54-9	-
Ethylbenzene	100-41-4	Carcinogen
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	16883-83-3	-
2-Butoxyethanol	111-76-2	-

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Acetone	67-64-1	5000 lb 2270 kg	-
Toluene	108-88-3	1000 lb 454 kg 1 lb 0.454 kg	1.0 %
Petroleum gases, liquified, sweetened	68476-86-8	-	-
Isobutyl acetate	110-19-0	5000 lb 2270 kg	-
Xylene (mix)	1330-20-7	100 lb 45.4 kg	1.0 %
Butanone	78-93-3	5000 lb 2270 kg	-
n-Butyl acetate	123-86-4	5000 lb 2270 kg	-
Carbon Black	1333-86-4	-	-
Silicon Dioxide	68611-44-9	-	-
Polyethylene	9002-88-4	-	-
Methanol	67-56-1	5000 lb 2270 kg	1.0 %
Flux calcined diatomaceous earth	68855-54-9	-	-
Ethylbenzene	100-41-4	1000 lb 454 kg	0.1 %
Benzyl 3-isobutryloxy-1-isopropyl-2-2-dimeth ylpropyl phthalate	16883-83-3	-	-
2-Butoxyethanol	111-76-2	-	1.0 %

US EPA SARA 311/312
hazardous categorization

Sudden Release of Pressure Hazard

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Acetone	X	X	-
Toluene	X	X	-

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Petroleum gases, liquified, sweetened	X	X	-
Isobutyl acetate	X	X	-
Xylene (mix)	X	X	-
Butanone	X	X	-
n-Butyl acetate	X	X	-
Carbon Black	X	X	-
Silicon Dioxide	X	X	-
Polyethylene	X	X	-
Methanol	X	X	-
Flux calcined diatomaceous earth	X	X	-
Ethylbenzene	X	X	-
Benzyl	X	X	-
3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate			
2-Butoxyethanol	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	1
Flammability	4
Instability	0

HMIS

Health	1*
Flammability	4
Physical hazards	0

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by Regulatory Affairs

Issue date 12-Jul-2018

Revision date 11-Apr-2019

Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
 ATE (Average Toxicity Estimate)
 DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
 HMIS (Hazardous Materials Identification System)
 IARC (International Agency for Research on Cancer)
 IATA (International Air Transport Association)
 IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
 NFPA (National Fire Protection Association)
 NTP (National Toxicology Program)

OEL (Occupational Exposure Level)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

PEL (Permissible Exposure Limit)

TSCA (Toxic Substance Control Act)

USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet