# SAFETY DATA SHEET



#### 1. Identification

Product identifier Behr Aerosol Paint + Primer - White Gloss

Other means of identification

Product code B001944

Recommended use Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

**Supplier** Behr Process Canada, Ltd.

2750 Centre Avenue N.E.

Calgary, AB T2A 2L3

Emergency telephone (US)+1 760 476 3962

(US)+1 866 519 4752

Access code 335213

#### 2. Hazard identification

Physical hazards Flammable aerosols Category 1

Gases under pressure Liquefied gas

**Health hazards** Serious eye damage/eye irritation Category 2

Reproductive toxicity (the unborn child) (oral) Category 2

Specific target organ toxicity following single Category 3 narcotic effects

exposure

#### Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes

serious eye irritation. Suspected of damaging the unborn child by ingestion. May cause

drowsiness or dizziness.

**Precautionary statement** 

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing mist/vapours. Wash thoroughly after handling. Use only

outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye

protection/face protection.

Response IF exposed or concerned: Get medical advice/attention. 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 advice/attention. IF INHALED: Remove person to fresh air and

keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from

sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

Other hazards None known.

Supplemental information None.

#### 3. Composition/information on ingredients

**Mixtures** 

Behr Aerosol Paint + Primer - White Gloss

950518 Version #: 02 Revision date: 18-December-2020 Issue date: 16-August-2019

1 / 11

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	10 - 30
Titanium dioxide		13463-67-7	10 - 30
n-Butyl acetate		123-86-4	10 - 30
Distillates (petroleum), hydrotreated light		64742-47-8	1 - 5
2-Butanone (Methyl ethyl ketone)		78-93-3	1 - 5
Naphtha (petroleum), hydrotreated heavy		64742-48-9	1 - 5
2-Ethylhexanoic acid, zirconium salt		22464-99-9	0.1 - 1

#### **Composition comments**

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentrations of the above listed chemicals are being 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 centre or doctor/physician if you feel unwell.

Skin contact Eye contact

Ingestion

Wash off with soap and water. Get medical attention if irritation develops and persists.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effects, acute and delayed

May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

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. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## 5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Contents under pressure. Pressurised container may explode 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. Do not move cargo or vehicle if cargo has been exposed to heat. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.

General fire hazards

Extremely flammable aerosol. Contents under pressure. Pressurised container may explode when exposed to heat or flame.

Behr Aerosol Paint + Primer - White Gloss
950518 Version #: 02 Revision date: 18-December-2020 Issue date: 16-August-2019

SDS Canada

## 6. Accidental release measures

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. Avoid breathing mist/vapours. 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 Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapours or divert vapour cloud drift. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

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

**Environmental precautions** 

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. Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Protect cylinders from physical damage; do not drag, roll, slide, or drop. Do not re-use empty containers. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. 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 tightly closed container. Store in a well-ventilated place. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see section 10 of the SDS).

885 mg/m3

#### 8. Exposure controls/personal protection

## Occupational exposure limits

US. ACG	SIH Thresh	ıold Limi	t Values
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US. ACGIH Threshold Limit Values Components	Туре	Value	
2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)	STEL	300 ppm	
	TWA	200 ppm	
2-Ethylhexanoic acid, zirconium salt (CAS 22464-99-9)	STEL	10 mg/m3	
	TWA	5 mg/m3	
Acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
n-Butyl acetate (CAS 123-86-4)	STEL	150 ppm	
	TWA	50 ppm	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Canada. Alberta OELs (Occupational F Components	lealth & Safety Code, Schedo Type	ule 1, Table 2) Value Form	
	. , po	Tuido	

Behr Aerosol Paint + Primer - White Gloss

2-Butanone (Methyl ethyl

ketone) (CAS 78-93-3)

SDS Canada

950518 Version #: 02 Revision date: 18-December-2020 Issue date: 16-August-2019

**STEL** 

Components	Туре	nedule 1, Table 2) Value	Form
		300 ppm	
	TWA	590 mg/m3	
		200 ppm	
2-Ethylhexanoic acid, zirconium salt (CAS 22464-99-9)	STEL	10 mg/m3	
22 10 1 00 0)	TWA	5 mg/m3	
Acetone (CAS 67-64-1)	STEL	1800 mg/m3	
,		750 ppm	
	TWA	1200 mg/m3	
		500 ppm	
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	200 mg/m3	Vapour.
n-Butyl acetate (CAS 123-86-4)	STEL	950 mg/m3	
•		200 ppm	
	TWA	713 mg/m3	
		150 ppm	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Canada. British Columbia OELs. Safety Regulation 296/97, as ame		s for Chemical Substances, O	ccupational Health and
Components	Туре	Value	Form
2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)	STEL	100 ppm	
	TWA	50 ppm	
2-Ethylhexanoic acid, zirconium salt (CAS 22464-99-9)	STEL	10 mg/m3	
,	TWA	5 mg/m3	
·		·	
,	TWA STEL TWA	500 ppm	
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS	STEL	·	Non-aerosol.
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8)  n-Butyl acetate (CAS	STEL TWA	500 ppm 250 ppm	Non-aerosol.
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-Butyl acetate (CAS 123-86-4)  Titanium dioxide (CAS 13463-67-7)	STEL TWA TWA	500 ppm 250 ppm 200 mg/m3	Non-aerosol.  Respirable fraction.
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-Butyl acetate (CAS 123-86-4)  Titanium dioxide (CAS 13463-67-7)	STEL TWA TWA TWA	500 ppm 250 ppm 200 mg/m3 20 ppm 3 mg/m3	
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-Butyl acetate (CAS 123-86-4)  Titanium dioxide (CAS 13463-67-7)  Canada. Manitoba OELs (Reg. 21	STEL TWA TWA TWA	500 ppm 250 ppm 200 mg/m3 20 ppm 3 mg/m3	Respirable fraction.
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-Butyl acetate (CAS 123-86-4)  Titanium dioxide (CAS 13463-67-7)  Canada. Manitoba OELs (Reg. 21 Components	STEL TWA TWA TWA TWA TWA	500 ppm 250 ppm 200 mg/m3 20 ppm 3 mg/m3 10 mg/m3	Respirable fraction.
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-Butyl acetate (CAS 123-86-4) Titanium dioxide (CAS 13463-67-7)  Canada. Manitoba OELs (Reg. 21 Components 2-Butanone (Methyl ethyl	STEL TWA TWA TWA TWA TWA TWA TOTAL	500 ppm 250 ppm 200 mg/m3  20 ppm 3 mg/m3 10 mg/m3  And Health Act) Value	Respirable fraction.
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-Butyl acetate (CAS 123-86-4)  Titanium dioxide (CAS 13463-67-7)  Canada. Manitoba OELs (Reg. 21 Components  2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)  2-Ethylhexanoic acid, zirconium salt (CAS	STEL TWA TWA TWA TWA TWA  TWA  TYA  STEL  TYPE  STEL	500 ppm 250 ppm 200 mg/m3  20 ppm 3 mg/m3 10 mg/m3  And Health Act) Value 300 ppm	Respirable fraction.
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-Butyl acetate (CAS 123-86-4)  Titanium dioxide (CAS 13463-67-7)  Canada. Manitoba OELs (Reg. 21 Components  2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)  2-Ethylhexanoic acid, zirconium salt (CAS	STEL TWA TWA TWA TWA  TWA  TYA  TYA  TYA  TY	500 ppm 250 ppm 200 mg/m3  20 ppm 3 mg/m3 10 mg/m3  And Health Act) Value 300 ppm 200 ppm	Respirable fraction.
Acetone (CAS 67-64-1)  Distillates (petroleum), hydrotreated light (CAS 64742-47-8) n-Butyl acetate (CAS 123-86-4)  Titanium dioxide (CAS	STEL TWA TWA TWA TWA  TWA  TWA  TYPE  STEL TWA STEL	500 ppm 250 ppm 200 mg/m3  20 ppm 3 mg/m3 10 mg/m3  And Health Act) Value  300 ppm 200 ppm 10 mg/m3	Respirable fraction.

Components	Туре	Value
n-Butyl acetate (CAS 23-86-4)	STEL	150 ppm
,	TWA	50 ppm
Fitanium dioxide (CAS 3463-67-7)	TWA	10 mg/m3
Canada. Ontario OELs. (Control Components	of Exposure to Biological or Ch	emical Agents) Value
P-Butanone (Methyl ethyl etone) (CAS 78-93-3)	STEL	300 ppm
	TWA	200 ppm
-Ethylhexanoic acid, irconium salt (CAS :2464-99-9)	STEL	10 mg/m3
	TWA	5 mg/m3
Acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
Naphtha (petroleum), nydrotreated heavy (CAS 64742-48-9)	TWA	525 mg/m3
-Butyl acetate (CAS 23-86-4)	STEL	150 ppm
	TWA	50 ppm
ïtanium dioxide (CAS 3463-67-7)	TWA	10 mg/m3
-		g occupational health and safety)
Components	Туре	Value Form
-Butanone (Methyl ethyl	STEL	300 mg/m3
-Butanone (Methyl ethyl	·	
-Butanone (Methyl ethyl	·	300 mg/m3
-Butanone (Methyl ethyl	STEL	300 mg/m3 100 ppm
-Butanone (Methyl ethyl etone) (CAS 78-93-3)  -Ethylhexanoic acid, irconium salt (CAS	STEL	300 mg/m3 100 ppm 150 mg/m3
2-Ethylhexanoic acid, irconium salt (CAS	STEL	300 mg/m3 100 ppm 150 mg/m3 50 ppm
etone) (CAS 78-93-3)  P-Ethylhexanoic acid, irconium salt (CAS 2464-99-9)	STEL TWA STEL	300 mg/m3 100 ppm 150 mg/m3 50 ppm 10 mg/m3
2-Butanone (Methyl ethyl tetone) (CAS 78-93-3)  2-Ethylhexanoic acid, circonium salt (CAS 22464-99-9)  Acetone (CAS 67-64-1)	STEL TWA STEL TWA	300 mg/m3 100 ppm 150 mg/m3 50 ppm 10 mg/m3
etone) (CAS 78-93-3)  P-Ethylhexanoic acid, irconium salt (CAS 2464-99-9)	STEL TWA STEL TWA	300 mg/m3 100 ppm 150 mg/m3 50 ppm 10 mg/m3 5 mg/m3 2380 mg/m3
-Butanone (Methyl ethyl etone) (CAS 78-93-3)  -Ethylhexanoic acid, irconium salt (CAS 2464-99-9)	STEL  TWA  STEL  TWA  STEL	300 mg/m3  100 ppm  150 mg/m3  50 ppm  10 mg/m3  5 mg/m3  2380 mg/m3  1000 ppm
2-Butanone (Methyl ethyl tetone) (CAS 78-93-3)  2-Ethylhexanoic acid, tirconium salt (CAS 22464-99-9)	STEL  TWA  STEL  TWA  STEL	300 mg/m3  100 ppm  150 mg/m3  50 ppm  10 mg/m3  5 mg/m3  2380 mg/m3  1000 ppm  1190 mg/m3  500 ppm  950 mg/m3
2-Butanone (Methyl ethyl etone) (CAS 78-93-3) 2-Ethylhexanoic acid, irconium salt (CAS 22464-99-9) 3-Cetone (CAS 67-64-1)	STEL  TWA  STEL  TWA  STEL  TWA  STEL	300 mg/m3  100 ppm  150 mg/m3  50 ppm  10 mg/m3  5 mg/m3  2380 mg/m3  1000 ppm  1190 mg/m3  500 ppm  950 mg/m3
-Butanone (Methyl ethyl etone) (CAS 78-93-3)  -Ethylhexanoic acid, irconium salt (CAS 2464-99-9)  Acetone (CAS 67-64-1)	STEL  TWA  STEL  TWA  STEL  TWA	300 mg/m3  100 ppm  150 mg/m3  50 ppm  10 mg/m3  5 mg/m3  2380 mg/m3  1000 ppm  1190 mg/m3  500 ppm  950 mg/m3  200 ppm  713 mg/m3
-Butanone (Methyl ethyl etone) (CAS 78-93-3)  -Ethylhexanoic acid, irconium salt (CAS 2464-99-9)  -cetone (CAS 67-64-1)  -Butyl acetate (CAS 23-86-4)	STEL TWA STEL TWA STEL TWA STEL TWA STEL	300 mg/m3  100 ppm  150 mg/m3  50 ppm  10 mg/m3  5 mg/m3  2380 mg/m3  1000 ppm  1190 mg/m3  500 ppm  950 mg/m3  200 ppm  713 mg/m3  150 ppm
2-Butanone (Methyl ethyl tetone) (CAS 78-93-3) 2-Ethylhexanoic acid, circonium salt (CAS 22464-99-9) Acetone (CAS 67-64-1)	STEL  TWA  STEL  TWA  STEL  TWA  STEL	300 mg/m3  100 ppm  150 mg/m3  50 ppm  10 mg/m3  5 mg/m3  2380 mg/m3  1000 ppm  1190 mg/m3  500 ppm  950 mg/m3  200 ppm  713 mg/m3
2-Ethylhexanoic acid, circonium salt (CAS 22464-99-9) Acetone (CAS 67-64-1)  -Butyl acetate (CAS 23-86-4)	STEL TWA STEL TWA STEL TWA STEL TWA TWA	300 mg/m3  100 ppm 150 mg/m3 50 ppm 10 mg/m3  5 mg/m3 2380 mg/m3 1000 ppm 1190 mg/m3 500 ppm 950 mg/m3 200 ppm 713 mg/m3 150 ppm 10 mg/m3 Total dust.
2-Butanone (Methyl ethyl tetone) (CAS 78-93-3)  2-Ethylhexanoic acid, circonium salt (CAS 22464-99-9)  Acetone (CAS 67-64-1)  1-Butyl acetate (CAS 23-86-4)  Citanium dioxide (CAS 3463-67-7)  Canada. Saskatchewan OELs (October 1988-1981)	STEL  TWA  STEL  TWA  STEL  TWA  STEL  TWA  STEL  TWA  STEL	300 mg/m3  100 ppm 150 mg/m3 50 ppm 10 mg/m3  5 mg/m3 2380 mg/m3 1000 ppm 1190 mg/m3 500 ppm 950 mg/m3 200 ppm 713 mg/m3 150 ppm 10 mg/m3 Total dust.

Components	Туре	Value	Form
2-Ethylhexanoic acid, zirconium salt (CAS 22464-99-9)	15 minute	10 mg/m3	
	8 hour	5 mg/m3	
Acetone (CAS 67-64-1)	15 minute	750 ppm	
	8 hour	500 ppm	
Distillates (petroleum), nydrotreated light (CAS 64742-47-8)	15 minute	250 mg/m3	Vapour.
	8 hour	200 mg/m3	Vapour.
n-Butyl acetate (CAS I 23-86-4)	15 minute	200 ppm	
	8 hour	150 ppm	
Fitanium dioxide (CAS I 3463-67-7)	15 minute	20 mg/m3	
	8 hour	10 mg/m3	

#### **Biological limit values**

ACGIH Biological Ex	cposure Indices
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Components	Value	Determinant	Specimen	Sampling Time
2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)	2 mg/l	MEK	Urine	*
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*

<sup>\* -</sup> For sampling details, please see the source document.

## **Exposure guidelines**

## Canada - Alberta OELs: Skin designation

Distillates (petroleum), hydrotreated light Can be absorbed through the skin. (CAS 64742-47-8)

Canada - British Columbia OELs: Skin designation

nada - British Columbia OLLS. Skin designation

Distillates (petroleum), hydrotreated light

Can be absorbed through the skin.

(CAS 64742-47-8)

Canada - Saskatchewan OELs: Skin designation

Distillates (petroleum), hydrotreated light Can be absorbed through the skin.

(CAS 64742-47-8)

# Appropriate engineering controls

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

## Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

Skin protection

**Hand protection** Wear appropriate chemical resistant gloves.

Other Wear appropriate chemical resistant clothing.

**Respiratory protection** When workers are facing concentrations above the exposure limit they must use appropriate

certified respirators. Chemical respirator with organic vapour cartridge and full facepiece. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not

provide adequate protection.

**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.

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950518 Version #: 02 Revision date: 18-December-2020 Issue date: 16-August-2019

## 9. Physical and chemical properties

**Appearance** 

Liquid. Physical state Aerosol **Form** Colour White.

Odour Not available. **Odour threshold** Not available. Not available. pН Melting point/freezing point Not available.

Initial boiling point and boiling

119.94 °C (247.9 °F) estimated

range

Flash point -104.4 °C (-155.9 °F) (Propellant) estimated

**Evaporation rate** Not available. Flammability (solid, gas) Not applicable. Upper/lower flammability or explosive limits

Flammability limit - lower

1.6 % v/v estimated

(%)

Flammability limit - upper

9.3 % v/v estimated

(%)

60 - 70 psi (20 °C (68 °F)) estimated Vapour pressure

Vapour density Not available. Not available. Relative density

Solubility(ies)

Not available. Solubility (water) Partition coefficient Not available.

(n-octanol/water)

441.72 °C (827.1 °F) estimated **Auto-ignition temperature** 

**Decomposition temperature** Not available. Not available. **Viscosity** 

Other information

**Explosive properties** Not explosive. Not oxidising. **Oxidising properties** VOC < 0.95 MIR

## 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. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Strong oxidising agents. Incompatible materials

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

products

## 11. Toxicological information

## Information on likely routes of exposure

Inhalation May cause drowsiness or dizziness. Prolonged inhalation may be harmful.

Skin contact Causes mild skin irritation. Causes serious eye irritation. Eve contact

May cause discomfort if swallowed. Suspected of damaging the unborn child by ingestion. Ingestion

7 / 11 950518 Version #: 02 Revision date: 18-December-2020 Issue date: 16-August-2019

Symptoms related to the physical, chemical and toxicological characteristics

May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)

Acute toxicity Not expected to be acutely toxic.

Components Species Test Results

Acute

**Dermal** 

LD50 Rat 6400 mg/kg

Inhalation

Vapour

LC50 Rat 34.5 mg/l, 4 Hours

Oral

LD50 Rat 2600 mg/kg

Acetone (CAS 67-64-1)

**Acute** 

**Dermal** 

LD50 Rabbit > 15700 mg/kg, 24 Hours

Inhalation

Vapour

LC50 Rat 76 mg/l, 4 Hours

Oral

LD50 Rat 5800 mg/kg

Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)

**Acute** 

**Dermal** 

LD50 Rabbit > 2000 mg/kg

Inhalation

LC50 Rat > 4.96 mg/l, 4 Hours

Oral

LD50 Rat > 5000 mg/kg

n-Butyl acetate (CAS 123-86-4)

**Acute** 

Inhalation

LC50 Rat 2000 ppm, 4 Hours

Oral

LD50 Rat 10770 mg/kg

Titanium dioxide (CAS 13463-67-7)

**Acute** 

Oral

LD50 Rat > 5000 mg/kg

Skin corrosion/irritationCauses mild skin irritation.Serious eye damage/eyeCauses serious eye irritation.

irritation

Respiratory or skin sensitisation

Canada - Alberta OELs: Irritant

n-Butyl acetate (CAS 123-86-4) Irritant
Titanium dioxide (CAS 13463-67-7) Irritant

**Respiratory sensitisation** Not a respiratory sensitiser.

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

950518 Version #: 02 Revision date: 18-December-2020 Issue date: 16-August-2019

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

mutagenic or genotoxic.

Carcinogenicity Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the

product, inhalation of dust is not likely.

**ACGIH Carcinogens** 

2-Ethylhexanoic acid, zirconium salt (CAS 22464-99-9) A4 Not classifiable as a human carcinogen.

Acetone (CAS 67-64-1)

A4 Not classifiable as a human carcinogen. Titanium dioxide (CAS 13463-67-7) A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

2-Ethylhexanoic acid, zirconium salt (CAS 22464-99-9)

Acetone (CAS 67-64-1)

Titanium dioxide (CAS 13463-67-7)

Not classifiable as a human carcinogen. Titanium dioxide (CAS 13463-67-7) Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Naphtha (petroleum), hydrotreated heavy

(CAS 64742-48-9)

Suspected of damaging the unborn child. Reproductive toxicity

Specific target organ toxicity -

single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity -

repeated exposure

Not classified.

Not an aspiration hazard. **Aspiration hazard** 

**Chronic effects** Prolonged inhalation may be harmful.

12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

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

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

n-Butyl acetate (CAS 123-86-4) 1.78

No data available. Mobility in soil

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

potential.

13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance

Not classifiable as a human carcinogen.

2B Possibly carcinogenic to humans.

3 Not classifiable as to carcinogenicity to humans.

with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations. Local disposal regulations

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

14. Transport information

**TDG** 

UN1950 **UN** number **AEROSOLS UN proper shipping name** 

Transport hazard class(es)

Class 2.1 Subsidiary risk **Packing group** No **Environmental hazards** 

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

Behr Aerosol Paint + Primer - White Gloss 9 / 11 950518 Version #: 02 Revision date: 18-December-2020 Issue date: 16-August-2019

IATA

UN number UN1950 UN proper shipping name Aerosols

Transport hazard class(es)

Class 2.1
Subsidiary risk Packing group Environmental hazards No
ERG Code 10L

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

**IMDG** 

UN number UN1950 UN proper shipping name AEROSOLS

Transport hazard class(es)

Class 2.1
Subsidiary risk Packing group Environmental hazards

Marine pollutant No EmS F-D, S-U

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

Transport in bulk according to Annex II of MARPOL 73/78 and

Annex II of MARPOL 73/78 and the IBC Code

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# 15. Regulatory information

Canadian regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS

contains all the information required by the HPR.

Canada. Excluded VOCs. Guidelines for Volatile Organic Compounds in Consumer Products. CEPA 1999. Environment Canada. as amended

Acetone (CAS 67-64-1)

**Controlled Drugs and Substances Act** 

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

**Greenhouse Gases** 

Not listed.

Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)

2-Ethylhexanoic acid, cobalt salt (CAS 136-52-7)

Acetone (CAS 67-64-1)

**Precursor Control Regulations** 

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) Class B Acetone (CAS 67-64-1) Class B

Not applicable.

International regulations

**Stockholm Convention** 

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Kyoto Protocol** 

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

#### 16. Other information

**Issue date** 16-August-2019

Revision date 18-December-2020

Version No. 03

**List of abbreviations** IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk.

IMDG Code: International Maritime Dangerous Goods Code.

LC50: Lethal Concentration, 50%.

LD50: Lethal Dose, 50%.

MARPOL: International Convention for the Prevention of Pollution from Ships.

STEL: Short-Term Exposure Limit.

TDG: Transportation of Dangerous Goods. TWA: Time Weighted Average Value.

References HSDB® - Hazardous Substances Data Bank

**Disclaimer**Behr Process Corp cannot anticipate all conditions under which this information and its product, or

the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the

sheet was written based on the best knowledge and experience currently available.

950518 Version #: 02 Revision date: 18-December-2020 Issue date: 16-August-2019