



# RAPTOR 2K BLACK BED LINER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Precautionary statements (GHS AU)	: 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 - Do not pierce or burn, even after use. P261 - Avoid breathing vapours, spray, fume. P264 - Wash hands, forearms and face thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear eye protection, face protection, protective gloves. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
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### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition and information on ingredients

This mixture does not contain any substances to be mentioned according to the applicable regulations

## SECTION 4: First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: 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.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

### 4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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### 5.2. Specific hazards arising from the chemical

Fire hazard	: Extremely flammable aerosol.
Explosion hazard	: Pressurised container: May burst if heated.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing fume, spray, vapours.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. 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 contact with skin and eyes. Avoid breathing fume, spray, vapours. Wear personal protective equipment.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep cool.

### SECTION 8: Exposure controls and personal protection

#### 8.1. Control parameters - exposure standards

##### Exposure limit values for the other components

acetone (67-64-1)		
Australia - Occupational Exposure Limits		
Local name	Acetone	
OES TWA [1]	1185 mg/m <sup>3</sup>	
OES TWA [2]	500 ppm	
OES STEL	2375 mg/m <sup>3</sup>	
OES STEL [ppm]	1000 ppm	
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)	
New Zealand - Occupational Exposure Limits		
Local name	Acetone	
WES-TWA (OEL TWA) [1]	1185 mg/m <sup>3</sup>	
WES-TWA (OEL TWA) [2]	500 ppm	

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<b>acetone (67-64-1)</b>		
WES-STEL (OEL STEL)	2375 mg/m <sup>3</sup>	
WES-STEL (OEL STEL) [ppm]	1000 ppm	
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition	
<b>New Zealand - Biological Exposure Indices</b>		
Local name	Acetone	
BEI	50 mg/l Parameter: Acetone - Medium: Urine - Sampling time: End of shift	
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition	
<b>carbon black (1333-86-4)</b>		
<b>Australia - Occupational Exposure Limits</b>		
Local name	Carbon black	
OES TWA [1]	3 mg/m <sup>3</sup>	
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)	
<b>New Zealand - Occupational Exposure Limits</b>		
Local name	Carbon black	
WES-TWA (OEL TWA) [1]	3 mg/m <sup>3</sup>	
Remark (NZ)	6.7B (Suspected carcinogen)	
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition	
<b>crystalite, 1%≤conc respirable crystalline silica&lt;10% (14464-46-1)</b>		
<b>Australia - Occupational Exposure Limits</b>		
Local name	Cristobalite [Silica – Crystalline]	
OES TWA [1]	0.05 mg/m <sup>3</sup> respirable dust	
Remark (AU)	Carcinogenicity Category 1A – Known to have carcinogenic potential for humans. The classification of a chemical into this category is based largely on human evidence from studies that have established a causal relationship between human exposure and the development of cancer.	
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)	
<b>n-butyl acetate (123-86-4)</b>		
<b>Australia - Occupational Exposure Limits</b>		
Local name	n-Butyl acetate	
OES TWA [1]	713 mg/m <sup>3</sup>	
OES TWA [2]	150 ppm	
OES STEL	950 mg/m <sup>3</sup>	
OES STEL [ppm]	200 ppm	

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<b>n-butyl acetate (123-86-4)</b>		
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)	
<b>New Zealand - Occupational Exposure Limits</b>		
Local name	n-Butyl acetate	
WES-TWA (OEL TWA) [1]	713 mg/m <sup>3</sup>	
WES-TWA (OEL TWA) [2]	150 ppm	
WES-STEL (OEL STEL)	950 mg/m <sup>3</sup>	
WES-STEL (OEL STEL) [ppm]	200 ppm	
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition	
<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>		
<b>Australia - Occupational Exposure Limits</b>		
Local name	1-Methoxy-2-propanol acetate	
OES TWA [1]	274 mg/m <sup>3</sup>	
OES TWA [2]	50 ppm	
OES STEL	548 mg/m <sup>3</sup>	
OES STEL [ppm]	100 ppm	
Remark (AU)	Sk - Absorption through the skin may be a significant source of exposure.	
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)	
<b>dimethyl ether (115-10-6)</b>		
<b>Australia - Occupational Exposure Limits</b>		
Local name	Dimethyl ether	
OES TWA [1]	760 mg/m <sup>3</sup>	
OES TWA [2]	400 ppm	
OES STEL	950 mg/m <sup>3</sup>	
OES STEL [ppm]	500 ppm	
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)	
<b>New Zealand - Occupational Exposure Limits</b>		
Local name	Dimethylether	
WES-TWA (OEL TWA) [1]	766 mg/m <sup>3</sup>	
WES-TWA (OEL TWA) [2]	400 ppm	
WES-STEL (OEL STEL)	958 mg/m <sup>3</sup>	
WES-STEL (OEL STEL) [ppm]	500 ppm	
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition	
<b>quartz (14808-60-7)</b>		
<b>Australia - Occupational Exposure Limits</b>		
Local name	Quartz [Silica – Crystalline]	

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quartz (14808-60-7)		
OES TWA [1]	0.05 mg/m <sup>3</sup> respirable dust	
Remark (AU)	Carcinogenicity Category 1A – Known to have carcinogenic potential for humans. The classification of a chemical into this category is based largely on human evidence from studies that have established a causal relationship between human exposure and the development of cancer.	
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)	

calcium carbonate (471-34-1)		
Australia - Occupational Exposure Limits		
Local name	Calcium carbonate (Limestone; Marble; Whiting)	
OES TWA [1]	10 mg/m <sup>3</sup>	
Remark (AU)	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.	
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)	
New Zealand - Occupational Exposure Limits		
Local name	Marble (Calcium carbonate)	
WES-TWA (OEL TWA) [1]	10 mg/m <sup>3</sup>	
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition	

### 8.2. Biological Monitoring

No additional information available

### 8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves  
 Eye protection : Safety glasses  
 Skin and body protection : Wear suitable protective clothing  
 Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Air-Purifying Respirator (APR), reusable	Filter A2/B2		

#### Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

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### SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: Black
Odour	: characteristic
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: No data available
Boiling point	: -24 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Flammability	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: Density: 0.947 g/cm <sup>3</sup>
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosive properties	: Pressurised container: May burst if heated.
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: 526 g/l
VOC content - Regulatory	: No data available
Percent Solids	: 44.39 wt%

### SECTION 10: Stability and reactivity

Reactivity	: Extremely flammable aerosol. Pressurised container: May burst if heated.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Vaporizer	Aerosol
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### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

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### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

### RAPTOR 2K BLACK BED LINER AEROSOL

Fluorinated greenhouse gases	False
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## SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### 14.1. UN number

UN-No. (ADG) : 1950  
UN-No. (IMDG) : 1950  
UN-No. (IATA) : 1950

### 14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : AEROSOLS  
Proper Shipping Name (IMDG) : AEROSOLS  
Proper Shipping Name (IATA) : Aerosols, flammable

### 14.3. Transport hazard class(es)

#### ADG

Transport hazard class(es) (ADG) : 2.1  
Danger labels (ADG) : 2.1



#### IMDG

Transport hazard class(es) (IMDG) : 2.1  
Danger labels (IMDG) : 2.1

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### IATA

Transport hazard class(es) (IATA) : 2.1  
Danger labels (IATA) : 2.1



### 14.4. Packing group

Packing group (ADG) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Marine pollutant : No  
Dangerous for the environment : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

UN-No. (ADG) : 1950  
Special provision (ADG) : 63, 190, 277, 327, 344  
Limited quantities (ADG) : See SP 277  
Packing instructions (ADG) : P207, LP02  
Special packing provisions (ADG) : PP87, L2

### Transport by sea

UN-No. (IMDG) : 1950  
Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959  
Packing instructions (IMDG) : P207, LP200  
Special packing provisions (IMDG) : PP87, L2  
EmS-No. (Fire) : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES  
EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)  
Stowage category (IMDG) : None

### Air transport

UN-No. (IATA) : 1950  
PCA Excepted quantities (IATA) : E0  
PCA Limited quantities (IATA) : Y203  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 203  
PCA max net quantity (IATA) : 75kg  
CAO packing instructions (IATA) : 203  
CAO max net quantity (IATA) : 150kg  
Special provisions (IATA) : A145, A167, A802  
ERG code (IATA) : 10L

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### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

#### Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002515

Group standard : Aerosols

#### hexamethylene diisocyanate oligomers (28182-81-2)

##### Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003565
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#### Xylene (1330-20-7)

##### Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR000983
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### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 20/12/2021

### Classification

Aerosol 1	H222;H229
Eye Irrit. 2A	H319
Skin Sens. 1	H317

### Full text of H-statements

Aerosol 1	Aerosol, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Sens. 1	Skin sensitisation, Category 1
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

For professional use only.

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