



Safety Data Sheet

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Document group:	26-2163-9	Version number:	2.00
Issue Date:	11/02/2013	Supersedes date:	31/08/2011

This Safety Data Sheet has been prepared in accordance with the New Zealand Hazardous Substances and New Organisms Act 1996 (HSNO) and as amended

SECTION 1: Identification

1.1. Product identifier

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

Product identification numbers

AS-0105-9087-0 AS-0105-9091-2 AS-0192-7045-8 AS-0192-7049-0

1.2. Recommended use and restrictions on use

Recommended use

Automotive.

1.3. Supplier's details

Address: 3M New Zealand Ltd, 94 Apollo Drive, Rosedale 0632, Auckland

Telephone: (09) 477 4040

E Mail: innovation@nz.mmm.com

Website: 3m.co.nz

1.4. Emergency telephone number

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classified as hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Not classified as a Dangerous Good according to; NZS 5433:2012 Transport of Dangerous Goods on Land, UN, IMDG and IATA.

HSNO classification

6.3B Irritating to the skin

6.4A Irritating to the eye

6.5B Skin sensitiser

6.7A Known/presumed human carcinogen

6.9A Toxic to human target organs/systems

9.1C Aquatic toxicity

2.2. Label elements

SIGNAL WORD

DANGER!

Symbols:

Health Hazard | Exclamation mark |

Pictograms



HAZARD STATEMENTS:

H320	Causes eye irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure: respiratory system
H401	Toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

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:

P104	Read Safety Data Sheet before use.
P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280E	Wear protective gloves.
P281	Use personal protective equipment as required.

Response:

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P308 + P313	IF exposed or concerned: Get medical advice/attention.

Storage:

P405	Store locked up.
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Disposal:

P501	Dispose of contents/container in accordance with applicable local/regional/national/international regulations.
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SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	% by Weight
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3M CGuard Waterbased Protective Coating Grey/Horizon Grey

Water	7732-18-5	40 - 70
Acrylic-metacrylic ester poltmer	Mixture	15 - 40
Amorphous silica	Trade Secret	5 - 10
Talc	14807-96-6	3 - 7
Titanium oxide	98084-96-9	1 - 5
Kaolinite	1318-74-7	< 1.5
1,2,4-Trimethylbenzene	95-63-6	0.5 - 1.5
Quartz	14808-60-7	< 1
Mesitylene	108-67-8	0.1 - 1.0
Ammonia, anhydrous	7664-41-7	< 0.5
Cumene	98-82-8	< 0.5
Propylbenzene	103-65-1	< 0.5
Ammonia, aqueous solution	1336-21-6	< 0.5
Nonylphenol, ethoxylated	9016-45-9	< 0.5
nonylphenol ethoxylated	Trade Secret	< 0.5
isothiazolones mixture	55965-84-9	< 0.005

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

A product risk assessment is recommended to determine if eye wash facilities may be required when using this product in the workplace.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Suitable extinguishing media**

Material will not burn.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products**Substance**

Carbon monoxide.

Condition

During combustion.

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

Carbon dioxide.
Irritant vapours or gases.

During combustion.
During combustion.

5.3. Special protective actions for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

Refer to Section 15 - HSNO controls for more information

7.1. Precautions for safe handling

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

Protect from sunlight. Store away from heat. Store away from acids. Store away from oxidising agents.

7.3. Approved handler test certificate

Class 6, required when present in quantities greater than 10 L or 10 kg (HSNO 6.7A substance)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Benzene, trimethyl-	108-67-8	New Zealand WES	TWA(8 hours):123 mg/m3(25 ppm)	
Talc	14807-96-6	New Zealand WES	TWA(as respirable dust)(8 hours):2 mg/m3	
Quartz	14808-60-7	New Zealand WES	TWA(as respirable dust)(8 hours): 0.2 mg/m3	
Ammonia, anhydrous	7664-41-7	New Zealand	TWA(8 hours):17 mg/m3(25 ppm)	

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

		WES	ppm);STEL(15 minutes):24 mg/m ³ (35 ppm)
Benzene, trimethyl-	95-63-6	New Zealand WES	TWA(8 hours):123 mg/m ³ (25 ppm)
Cumene	98-82-8	New Zealand WES	TWA(8 hours): 125 mg/m ³ (25 Skin Notation ppm); STEL(15 minutes): 375 mg/m ³ (75 ppm)

New Zealand WES : New Zealand Workplace Exposure Standards.

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m³: milligrams per cubic metre

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Wear eye/face protection.

The following eye protection(s) are recommended: Indirect vented goggles.

Refer AS/NZS 1336 - Recommended practices for occupational eye protection and for performance specifications AS/NZS 1337, Parts 1 - 6 - Personal eye-protection.

Skin/hand protection

Wear protective gloves.

Gloves made from the following material(s) are recommended: Fluoroelastomer

The following protective clothing material(s) are recommended: Neoprene apron.

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

Refer AS/NZS 1715 - Selection, use and maintenance of respiratory protective equipment and AS/NZS 1716 - Respiratory protective devices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid.

Appearance/Odour

Faint Ammonia odour; Grey.

Odour threshold

No data available.

pH

No data available.

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

Melting point/Freezing point	<i>No data available.</i>
Boiling point/Initial boiling point/Boiling range	<i>No data available.</i>
Flash point	No flash point
Evaporation rate	<i>No data available.</i>
Flammability (solid, gas)	Not applicable.
Flammable Limits(LEL)	<i>Not applicable.</i>
Flammable Limits(UEL)	<i>Not applicable.</i>
Vapour pressure	<i>Not applicable.</i>
Vapour density	<i>No data available.</i>
Density	1.11 g/ml
Relative density	1 - 1.1 [Ref Std: WATER=1]
Water solubility	Complete
Solubility- non-water	<i>No data available.</i>
Partition coefficient: n-octanol/water	<i>No data available.</i>
Autoignition temperature	<i>No data available.</i>
Decomposition temperature	<i>No data available.</i>
Viscosity	8.25 - 10 Pa-s

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

Store below 35C. Do not allow to freeze.

10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
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None known.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be

relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause target organ effects after inhalation.

Skin contact

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye contact

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

Target Organ Effects:

Prolonged or repeated exposure may cause:

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

Toxicological Data

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg
Talc	Ingestion		LD50 Not available
1,2,4-Trimethylbenzene	Dermal	Rabbit	LD50 > 3,160 mg/kg
1,2,4-Trimethylbenzene	Inhalation-Vapor (4 hours)	Rat	LC50 18 mg/l
1,2,4-Trimethylbenzene	Ingestion	Rat	LD50 3,400 mg/kg
Kaolinite	Dermal		LD50 estimated to be > 5,000 mg/kg
Kaolinite	Ingestion	Human	LD50 > 15,000 mg/kg
Titanium oxide			No data available
Quartz	Dermal		LD50 estimated to be > 5,000 mg/kg
Quartz	Ingestion		LD50 estimated to be > 5,000 mg/kg
Mesitylene	Dermal	Rabbit	LD50 > 3,160 mg/kg
Mesitylene	Inhalation-Vapor (4 hours)	Rat	LC50 18 mg/l
Mesitylene	Ingestion	Rat	LD50 3,400 mg/kg
Nonylphenol, ethoxylated	Dermal	Rabbit	LD50 2,091 mg/kg
Nonylphenol, ethoxylated	Ingestion	Rat	LD50 1,310 mg/kg
Ammonia, aqueous solution	Ingestion	Rat	LD50 350 mg/kg
Propylbenzene	Dermal		LD50 estimated to be > 5,000 mg/kg
Propylbenzene	Ingestion	Rat	LD50 6,040 mg/kg

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

Cumene	Dermal	Rabbit	LD50 > 3,160 mg/kg
Cumene	Inhalation-Vapor (4 hours)	Rat	LC50 39.4 mg/l
Cumene	Ingestion	Rat	LD50 1,400 mg/kg
Ammonia, anhydrous	Inhalation-Gas (4 hours)	Rat	LC50 2,000 ppm
isothiazolones mixture			No data available

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Talc	Rabbit	No significant irritation
1,2,4-Trimethylbenzene		Mild irritant
Kaolinite		No significant irritation
Titanium oxide		No data available
Quartz		No significant irritation
Mesitylene	Rabbit	Irritant
Nonylphenol, ethoxylated		No data available
Ammonia, aqueous solution		No data available
Propylbenzene		No data available
Cumene	Rabbit	Minimal irritation
Ammonia, anhydrous		No data available
isothiazolones mixture		No data available

Serious Eye Damage/Irritation

Name	Species	Value
Talc	Rabbit	No significant irritation
1,2,4-Trimethylbenzene		Moderate irritant
Kaolinite		No significant irritation
Titanium oxide		No data available
Quartz		No data available
Mesitylene	Rabbit	Mild irritant
Nonylphenol, ethoxylated		No data available
Ammonia, aqueous solution		No data available
Propylbenzene		No data available
Cumene	Rabbit	Mild irritant
Ammonia, anhydrous		No data available
isothiazolones mixture		No data available

Skin Sensitisation

Name	Species	Value
Talc		No data available
1,2,4-Trimethylbenzene	Guinea pig	Not sensitizing
Kaolinite		No data available
Titanium oxide		No data available
Quartz		No data available
Mesitylene	Guinea pig	Not sensitizing
Nonylphenol, ethoxylated		No data available
Ammonia, aqueous solution		No data available
Propylbenzene		No data available
Cumene	Guinea pig	Not sensitizing
Ammonia, anhydrous		No data available
isothiazolones mixture		No data available

Respiratory Sensitisation

Name	Species	Value
Talc	Human	Not sensitizing
1,2,4-Trimethylbenzene		No data available
Kaolinite		No data available

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

Titanium oxide		No data available
Quartz		No data available
Mesitylene		No data available
Nonylphenol, ethoxylated		No data available
Ammonia, aqueous solution		No data available
Propylbenzene		No data available
Cumene		No data available
Ammonia, anhydrous		No data available
isothiazolones mixture		No data available

Germ Cell Mutagenicity

Name	Route	Value
Talc	In Vitro	Not mutagenic
Talc	In vivo	Not mutagenic
1,2,4-Trimethylbenzene	In Vitro	Not mutagenic
Kaolinite		No data available
Titanium oxide		No data available
Quartz	In Vitro	Some positive data exist, but the data are not sufficient for classification
Quartz	In vivo	Some positive data exist, but the data are not sufficient for classification
Mesitylene	In Vitro	Not mutagenic
Nonylphenol, ethoxylated		No data available
Ammonia, aqueous solution		No data available
Propylbenzene		No data available
Cumene	In Vitro	Not mutagenic
Cumene	In vivo	Not mutagenic
Ammonia, anhydrous		No data available
isothiazolones mixture		No data available

Carcinogenicity

Name	Route	Species	Value
Talc	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification
1,2,4-Trimethylbenzene			No data available
Kaolinite	Inhalation	Multiple animal species	Not carcinogenic
Titanium oxide			No data available
Quartz	Inhalation		Carcinogenic.
Mesitylene			No data available
Nonylphenol, ethoxylated			No data available
Ammonia, aqueous solution			No data available
Propylbenzene			No data available
Cumene	Inhalation	Multiple animal species	Carcinogenic.
Ammonia, anhydrous			No data available
isothiazolones mixture			No data available

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Talc	Ingestion	Not toxic to development	Rat	NOAEL 1,600 mg/kg	during organogenesis
1,2,4-Trimethylbenzene	Inhalation	Some positive female reproductive data exist, but the data are not sufficient for classification	Rat	NOAEL 1.2 mg/l	3 months

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

1,2,4-Trimethylbenzene	Inhalation	Some positive male reproductive data exist, but the data are not sufficient for classification	Rat	NOAEL 1.2 mg/l	3 months
1,2,4-Trimethylbenzene	Inhalation	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 1.5 mg/l	during gestation
Kaolinite		No data available			
Titanium oxide		No data available			
Quartz		No data available			
Mesitylene	Inhalation	Some positive female reproductive data exist, but the data are not sufficient for classification	Rat	NOAEL 1.2 mg/l	3 months
Mesitylene	Inhalation	Some positive male reproductive data exist, but the data are not sufficient for classification	Rat	NOAEL 1.2 mg/l	3 months
Mesitylene	Inhalation	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 1.5 mg/l	during gestation
Nonylphenol, ethoxylated		No data available			
Ammonia, aqueous solution		No data available			
Propylbenzene		No data available			
Cumene	Inhalation	Not toxic to female reproduction	Rat	NOAEL 59 mg/l	13 weeks
Cumene	Ingestion	Not toxic to male reproduction	Rat	NOAEL 769 mg/kg/day	6 months
Cumene	Inhalation	Not toxic to male reproduction	Rat	NOAEL 59 mg/l	13 weeks
Cumene	Inhalation	Some positive developmental data exist, but the data are not sufficient for classification	Rabbit	NOAEL 11.3 mg/l	during organogenesis
Ammonia, anhydrous		No data available			
isothiazolones mixture		No data available			

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Talc			No data available			
1,2,4-Trimethylbenzene	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
1,2,4-Trimethylbenzene	Inhalation	respiratory irritation	May cause respiratory irritation		Irritation Positive	
1,2,4-	Inhalation	nervous system	Some positive		LOAEL 3.8 mg/l	

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

Trimethylbenzene			data exist, but the data are not sufficient for classification			
1,2,4-Trimethylbenzene	Ingestion	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Titanium oxide			No data available			
Quartz			No data available			
Mesitylene	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Mesitylene	Inhalation	respiratory irritation	May cause respiratory irritation	official classification	NOAEL Not available	
Nonylphenol, ethoxylated			No data available			
Ammonia, aqueous solution			No data available			
Propylbenzene			No data available			
Cumene	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Multiple animal species	NOAEL Not available	not available
Cumene	Inhalation	respiratory irritation	May cause respiratory irritation	Human	LOAEL 0.2 mg/l	occupational exposure
Cumene	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Multiple animal species	NOAEL Not available	not available
Ammonia, anhydrous			No data available			
isothiazolones mixture			No data available			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Talc	Inhalation	pneumoconiosis	Causes damage to organs through prolonged or repeated exposure		NOAEL N/A	
Talc	Inhalation	pulmonary fibrosis respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 18 mg/m ³	113 weeks
1,2,4-Trimethylbenzene	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification		NOAEL N/A	
1,2,4-Trimethylbenzene	Inhalation	hematopoietic system nervous system	Some positive data exist, but the data are not sufficient for classification		LOAEL 0.1 mg/l	
1,2,4-Trimethylbenzene	Inhalation	liver kidney and/or bladder	Some positive data exist, but the	Rat	NOAEL 1.2 mg/l	3 months

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

zene			data are not sufficient for classification			
1,2,4-Trimethylbenzene	Inhalation	heart endocrine system immune system	All data are negative	Rat	NOAEL 1.2 mg/l	3 months
1,2,4-Trimethylbenzene	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 600 mg/kg/day	14 days
1,2,4-Trimethylbenzene	Ingestion	liver immune system kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,000 mg/kg/day	28 days
Kaolinite	Inhalation	pneumoconiosis	Causes damage to organs through prolonged or repeated exposure		NOAEL N/A	
Kaolinite	Inhalation	pulmonary fibrosis	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL Not available	
Titanium oxide			No data available			
Quartz	Inhalation	silicosis	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	occupational exposure
Mesitylene	Inhalation	hematopoietic system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 0.5 mg/l	3 months
Mesitylene	Inhalation	nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 0.1 mg/l	3 months
Mesitylene	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure
Mesitylene	Inhalation	liver kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1.2 mg/l	3 months
Mesitylene	Inhalation	heart endocrine system immune system	All data are negative	Rat	NOAEL 1.2 mg/l	3 months
Mesitylene	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 600 mg/kg/day	14 days
Mesitylene	Ingestion	liver immune system kidney	Some positive data exist, but the	Rat	NOAEL 1,000 mg/kg/day	28 days

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

		and/or bladder	data are not sufficient for classification			
Nonylphenol, ethoxylated			No data available			
Ammonia, aqueous solution			No data available			
Propylbenzene			No data available			
Cumene	Inhalation	auditory system endocrine system hematopoietic system liver nervous system eyes	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 59 mg/l	13 weeks
Cumene	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 4.9 mg/l	13 weeks
Cumene	Inhalation	respiratory system	All data are negative	Rat	NOAEL 59 mg/l	13 weeks
Cumene	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 769 mg/kg/day	6 months
Cumene	Ingestion	heart endocrine system hematopoietic system liver respiratory system	All data are negative	Rat	NOAEL 769 mg/kg/day	6 months
Ammonia, anhydrous			No data available			
isothiazolones mixture			No data available			

Aspiration Hazard

Name	Value
Talc	Not an aspiration hazard
1,2,4-Trimethylbenzene	Aspiration hazard
Kaolinite	Not an aspiration hazard
Titanium oxide	Not an aspiration hazard
Quartz	Not an aspiration hazard
Mesitylene	Aspiration hazard
Nonylphenol, ethoxylated	Not an aspiration hazard
Ammonia, aqueous solution	Not an aspiration hazard
Propylbenzene	Not an aspiration hazard
Cumene	Aspiration hazard
Ammonia, anhydrous	Not an aspiration hazard
isothiazolones mixture	Not an aspiration hazard

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

3M CGuard Waterbased Protective Coating Grey/Horizon Grey

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Ecotoxic to the aquatic environment.

9.1C Aquatic toxicity

No product test data available.

No component test data available.

12.2. Persistence and degradability

No test data available.

12.3 : Bioaccumulative potential

No test data available.

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations

Incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. As a disposal alternative, Dispose of waste product in a permitted industrial waste facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

Packaging (that may or may not contain any residual substance) may be lawfully disposed of by householders or other consumers through public or commercial waste collection services.

SECTION 14: Transport Information

NOT HAZARDOUS FOR TRANSPORT

SECTION 15: Regulatory information

HSNO Approval number	HSR002679
Group standard name	Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2006
HSNO Hazard classification	Refer to section 2

NZ Inventory of Chemicals (NZIoC) Status

HSNO Controls

Approved handler test certificate	Class 6, required when present in quantities greater than 10 L or 10 kg (HSNO)
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3M CGuard Waterbased Protective Coating Grey/Horizon Grey

Location and transit Depot certification test	6.7A substance) Not required
Hazardous atmosphere zone	Not required
Fire extinguishers	Not required
Emergency response plan	100 L or 100 kg (for a HSNO 9.1A substance); or 1,000 L or 1,000 kg (for all other substances)
Secondary containment	100 L or 100 kg (for a HSNO 9.1A substance); or 1,000 L or 1,000 kg (for all other substances)
Tracking	Not required
Warning signage	100 L or 100 kg (for a HSNO 9.1A substance); or 1,000 L or 1,000 kg (for a HSNO 8.3A, 9.1B or 9.1C substance); or 10,000 L or 10,000 kg (for a HSNO 6.1D or 9.1D substance)

SECTION 16: Other information

Revision information:

No revision information is available.

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