

Safety Data Sheet

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 Document group:
 31-6287-2
 Version number:
 3.00

 Issue Date:
 16/01/2022
 Supersedes date:
 30/04/2019

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

SECTION 1: Identification

1.1. Product identifier

3MTM Hand Glaze, 05989, 05990, 06000, 39007

Product Identification Numbers

60-4550-7156-7

1.2. Recommended use and restrictions on use

Recommended use

Remove defects from painted surfaces.

For Industrial or Professional use only.

1.3. Supplier's details

Address: 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113

Telephone: 136 136

E Mail: productinfo.au@mmm.com

Website: www.3m.com.au

1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

SECTION 2: Hazard identification

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

2.1. Classification of the substance or mixture

Not applicable.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable

2.3. Other assigned/identified product hazards

None known.

2.4. Other hazards which do not result in classification

Causes mild skin irritation.

Harmful to aquatic life with long lasting effects.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Water	7732-18-5	60 - 100
Hydrotreated Light Petroleum Distillates	64742-47-8	< 10
Medium Aliphatic Solvent Naphtha	64742-88-7	< 10
White Mineral Oil (Petroleum)	8042-47-5	< 8
Kaolin, calcined	92704-41-1	< 6
Glycerin	56-81-5	< 5
Titanium dioxide	13463-67-7	<1

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

Wash with soap and water. 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.

If swallowed

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

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

No critical symptoms or effects. 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

In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

SubstanceConditionHydrocarbons.During combustion.Carbon monoxide.During combustion.Carbon dioxide.During combustion.Oxides of nitrogen.During combustion.

5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. 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 physical, health, or environmental 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 an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Avoid breathing 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. Avoid release to the environment. Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Titanium dioxide	13463-67-7	ACGIH	TWA:10 mg/m³	A4: Not class. as human
				carcin

Titanium dioxide	13463-67-7	Australia OELs	TWA(Inspirable dust)(8 hours):10 mg/m3	
CAS NO SEQ117921	56-81-5	ACGIH	TWA(inhalable particulates):10 mg/m3	
CAS NO SEQ117922	56-81-5	ACGIH	TWA(respirable particles):3 mg/m3	
Glycerin	56-81-5	Australia OELs	TWA(Inspirable dust)(8 hours):10 mg/m3	
Kerosine (petroleum)	64742-47-8	ACGIH	TWA(as total hydrocarbon vapour, non-aerosol):200 mg/m3	A3: Confirmed animal carcin., SKIN
Kerosine (petroleum)	64742-88-7	ACGIH	TWA(as total hydrocarbon vapour, non-aerosol):200 mg/m3	A3: Confirmed animal carcin., SKIN
MINERAL OILS, HIGHLY- REFINED OILS	8042-47-5	ACGIH	TWA(inhalable fraction):5 mg/m3	A4: Not class. as human carcin

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

Australia OELs: Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG: Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average STEL: Short Term Exposure Limit

CEIL: Ceiling Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

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

None required.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

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

Select and use gloves according to AS/NZ 2161.

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 vapours and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer. Select and use respirators according to AS/NZS 1715. Respirators should comply with AS/NZS 1716 performance

specifications. For information about respirators, call 3M on 1800 024 464.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Information on basic physical and chemical propertie	5	
Physical state	Liquid.	
Colour	Light Orange-Brown	
Odour	Faint Odour, Sweet Odour	
Odour threshold	No data available.	
pH	8 - 8.4	
Melting point/Freezing point	No data available.	
Boiling point/Initial boiling point/Boiling range	100 °C	
Flash point	Flash point > 93 °C (200 °F)	
Evaporation rate	No data available.	
Flammability (solid, gas)	Not applicable.	
Flammable Limits(LEL)	No data available.	
Flammable Limits(UEL)	No data available.	
Vapour pressure	2,399.8 Pa	
Vapor Density and/or Relative Vapor Density	No data available.	
Density	0.982 - 1.006 g/ml	
Relative density	0.982 - 1.006 [<i>Ref Std</i> :WATER=1]	
Water solubility	No data available.	
Solubility- non-water	No data available.	
Partition coefficient: n-octanol/water	No data available.	
Autoignition temperature	No data available.	
Decomposition temperature	No data available.	
Viscosity/Kinematic Viscosity	4,000 - 7,000 mPa-s	
Volatile organic compounds (VOC)	9.1 % weight [Test Method:calculated per CARB title 2]	
Volatile organic compounds (VOC)	91 g/l [Test Method:calculated SCAQMD rule 443.1]	
Percent volatile	84.1 %	
VOC less H2O & exempt solvents	373 g/l [Test Method:calculated SCAQMD rule 443.1]	
Molecular weight	No data available.	
	•	

Nanoparticles

This material contains nanoparticles.

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non reactive under normal use conditions

10.2 Chemical stability

Stable.

10.3. Conditions to avoid

None known.

10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Substance
None known.

Condition

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 additional health effects (see below).

Skin contact

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

Eve contact

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

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

Additional Health Effects:

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Inhalation-Vapour(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Medium Aliphatic Solvent Naphtha	Inhalation-Vapour		LC50 estimated to be 20 - 50 mg/l
Hydrotreated Light Petroleum Distillates	Dermal	Rabbit	LD50 > 3,160 mg/kg
Medium Aliphatic Solvent Naphtha	Dermal	Rabbit	LD50 > 3,000 mg/kg
Hydrotreated Light Petroleum Distillates	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 3 mg/l
Hydrotreated Light Petroleum	Ingestion	Rat	LD50 > 5,000 mg/kg

Distillates			
Medium Aliphatic Solvent Naphtha	Ingestion	Rat	LD50 > 5,000 mg/kg
White Mineral Oil (Petroleum)	Dermal	Rabbit	LD50 > 2,000 mg/kg
White Mineral Oil (Petroleum)	Ingestion	Rat	LD50 > 5,000 mg/kg
Kaolin, calcined	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
Kaolin, calcined	Ingestion	Rat	LD50 > 2,000 mg/kg
Glycerin	Dermal	Rabbit	LD50 estimated to be > 5,000 mg/kg
Glycerin	Ingestion	Rat	LD50 > 5,000 mg/kg
Titanium dioxide	Dermal	Rabbit	LD50 > 10,000 mg/kg
Titanium dioxide	Inhalation-Dust/Mist	Rat	LC50 > 5.09 mg/l
	(4 hours)		
Titanium dioxide	Ingestion	Rat	LD50 > 10,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Hydrotreated Light Petroleum Distillates	Rabbit	Mild irritant
Medium Aliphatic Solvent Naphtha	Rabbit	Irritant
White Mineral Oil (Petroleum)	Rabbit	No significant irritation
Glycerin	Rabbit	No significant irritation
Titanium dioxide	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Hydrotreated Light Petroleum Distillates	Rabbit	Mild irritant
Medium Aliphatic Solvent Naphtha	Rabbit	No significant irritation
White Mineral Oil (Petroleum)	Rabbit	Mild irritant
Glycerin	Rabbit	No significant irritation
Titanium dioxide	Rabbit	No significant irritation

Skin Sensitisation

Name	Species	Value
Hydrotreated Light Petroleum Distillates	Guinea pig	Not classified
Medium Aliphatic Solvent Naphtha	Guinea pig	Not classified
White Mineral Oil (Petroleum)	Guinea pig	Not classified
Glycerin	Guinea pig	Not classified
Titanium dioxide	Guinea pig	Not classified

Respiratory Sensitisation

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

Germ Cen Mutagementy		
Name	Route	Value
Hydrotreated Light Petroleum Distillates	In Vitro	Not mutagenic
Medium Aliphatic Solvent Naphtha	In vivo	Not mutagenic
Medium Aliphatic Solvent Naphtha	In Vitro	Some positive data exist, but the data are not sufficient for classification
White Mineral Oil (Petroleum)	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Hydrotreated Light Petroleum	Dermal	Mouse	Some positive data exist, but the data

Dermal	Mouse	Some positive data exist, but the data
		are not sufficient for classification
Inhalation	Human and animal	Some positive data exist, but the data
		are not sufficient for classification
Dermal	Mouse	Not carcinogenic
Inhalation	Multiple animal	Not carcinogenic
	species	
Ingestion	Mouse	Some positive data exist, but the data
		are not sufficient for classification
Inhalation	Rat	Carcinogenic.
]	Inhalation Dermal Inhalation Ingestion	Inhalation Human and animal Dermal Mouse Inhalation Multiple animal species Ingestion Mouse

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Medium Aliphatic	Inhalation	Not classified for	Rat	NOAEL 2.4	during
Solvent Naphtha		development		mg/l	organogenesis
White Mineral Oil	Ingestion	Not classified for	Rat	NOAEL	13 weeks
(Petroleum)		female reproduction		4,350	
				mg/kg/day	
White Mineral Oil	Ingestion	Not classified for	Rat	NOAEL	13 weeks
(Petroleum)		male reproduction		4,350	
				mg/kg/day	
White Mineral Oil	Ingestion	Not classified for	Rat	NOAEL	during gestation
(Petroleum)		development		4,350	
				mg/kg/day	
Glycerin	Ingestion	Not classified for	Rat	NOAEL	2 generation
		female reproduction		2,000	
				mg/kg/day	
Glycerin	Ingestion	Not classified for	Rat	NOAEL	2 generation
		male reproduction		2,000	
				mg/kg/day	
Glycerin	Ingestion	Not classified for	Rat	NOAEL	2 generation
		development		2,000	
				mg/kg/day	

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Hydrotreated Light Petroleum Distillates	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Hydrotreated Light Petroleum Distillates	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Hydrotreated Light Petroleum Distillates	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professional judgement	NOAEL Not available	
Medium Aliphatic Solvent Naphtha	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	

Medium	Inhalation	respiratory	Some positive		NOAEL Not	
Aliphatic		irritation	data exist, but the		available	
Solvent			data are not			
Naphtha			sufficient for			
			classification			
Medium	Inhalation	nervous system	Not classified	Dog	NOAEL 6.5	4 hours
Aliphatic					mg/l	
Solvent						
Naphtha						
Medium	Ingestion	central nervous	May cause	Professional	NOAEL Not	
Aliphatic		system	drowsiness or	judgement	available	
Solvent		depression	dizziness			
Naphtha						

Specific Target Organ Toxicity - repeated exposure

Name	Route	tity - repeated expose Target Organ(s)	Value	Species	Test result	Exposure Duration
Medium Aliphatic Solvent Naphtha	Inhalation	nervous system	Not classified	Rat	LOAEL 4.6 mg/l	6 months
Medium Aliphatic Solvent Naphtha	Inhalation	kidney and/or bladder	Not classified	Rat	LOAEL 1.9 mg/l	13 weeks
Medium Aliphatic Solvent Naphtha	Inhalation	respiratory system	Not classified	Multiple animal species	NOAEL 0.6 mg/l	90 days
Medium Aliphatic Solvent Naphtha	Inhalation	bone, teeth, nails, and/or hair blood liver muscles	Not classified	Rat	NOAEL 5.6 mg/l	12 weeks
Medium Aliphatic Solvent Naphtha	Inhalation	heart	Not classified	Multiple animal species	NOAEL 1.3 mg/l	90 days
White Mineral Oil (Petroleum)	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1,381 mg/kg/day	90 days
White Mineral Oil (Petroleum)	Ingestion	liver immune system	Not classified	Rat	NOAEL 1,336 mg/kg/day	90 days
Glycerin	Inhalation	respiratory system heart liver kidney and/or bladder	Not classified	Rat	NOAEL 3.91 mg/l	14 days
Glycerin	Ingestion	endocrine system hematopoietic system liver kidney and/or bladder	Not classified	Rat	NOAEL 10,000 mg/kg/day	2 years

Aspiration Hazard

115 JII WI OII 11 WEWI W						
Name	Value					
Hydrotreated Light Petroleum Distillates	Aspiration hazard					
Medium Aliphatic Solvent Naphtha	Aspiration hazard					
White Mineral Oil (Petroleum)	Aspiration hazard					

Exposure Levels

Refer Section 8.1 Control Parameters of this Safety Data Sheet.

Interactive Effects

Not determined.

SECTION 12: Ecological 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. 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

Acute aquatic hazard:

GHS Acute 3: Harmful to aquatic life.

Chronic aquatic hazard:

GHS Chronic 3: Harmful to aquatic life with long lasting effects.

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Hydrotreated	64742-47-8	Green Algae	Estimated	72 hours	EC50	1 mg/l
Light						
Petroleum						
Distillates						
Hydrotreated	64742-47-8	Rainbow trout	Estimated	96 hours	LL50	2 mg/l
Light						
Petroleum						
Distillates						
Hydrotreated	64742-47-8	Water flea	Estimated	48 hours	EL50	1.4 mg/l
Light						
Petroleum						
Distillates						
Hydrotreated	64742-47-8	Green Algae	Estimated	72 hours	NOEL	1 mg/l
Light						
Petroleum						
Distillates		ļ				
Hydrotreated	64742-47-8	Water flea	Estimated	21 days	NOEL	0.48 mg/l
Light						
Petroleum						
Distillates						
Medium	64742-88-7	Green Algae	Estimated	72 hours	EL50	8.3 mg/l
Aliphatic						
Solvent						
Naphtha						
Medium	64742-88-7	Rainbow trout	Estimated	96 hours	LL50	20 mg/l
Aliphatic						
Solvent						
Naphtha						
Medium	64742-88-7	Water flea	Estimated	48 hours	EL50	1.4 mg/l
Aliphatic						

Solvent						
Naphtha						
Medium	64742-88-7	Green Algae	Estimated	72 hours	NOEL	4 mg/l
Aliphatic	017.12 00 7	Green ringue	Estimated	72 Hours	I TOEL	l mg/
Solvent						
Naphtha						
Medium	64742-88-7	Water flea	Estimated	21 days	NOEL	0.48 mg/l
Aliphatic				, -		
Solvent						
Naphtha						
White Mineral	8042-47-5	Water flea	Estimated	48 hours	EL50	>100 mg/l
Oil (Petroleum)						
White Mineral	8042-47-5	Bluegill	Experimental	96 hours	LL50	>100 mg/l
Oil (Petroleum)						
White Mineral	8042-47-5	Green algae	Estimated	72 hours	NOEL	100 mg/l
Oil (Petroleum)						
White Mineral	8042-47-5	Water flea	Estimated	21 days	NOEL	>100 mg/l
Oil (Petroleum)				_		
Kaolin,	92704-41-1	Bacteria	Estimated	16 hours	EC10	1,400 mg/l
calcined						
Kaolin,	92704-41-1		Data not			N/A
calcined			available or			
			insufficient for			
			classification			
Glycerin	56-81-5	Bacteria	Experimental	16 hours	NOEC	10,000 mg/l
Glycerin	56-81-5	Rainbow trout	Experimental	96 hours	LC50	54,000 mg/l
Glycerin	56-81-5	Water flea	Experimental	48 hours	LC50	1,955 mg/l
Titanium	13463-67-7	Activated	Experimental	3 hours	NOEC	1,000 mg/l
dioxide		sludge				
Titanium	13463-67-7	Goldfish	Experimental	96 hours	No tox obs at	>100 mg/l
dioxide					lmt of water sol	
Titanium	13463-67-7	Green Algae	Experimental	72 hours	No tox obs at	>100 mg/l
dioxide					lmt of water sol	
Titanium	13463-67-7	Water flea	Experimental	48 hours	No tox obs at	>100 mg/l
dioxide					lmt of water sol	
Titanium	13463-67-7	Green Algae	Experimental	72 hours	No tox obs at	>100 mg/l
dioxide					lmt of water sol	
Titanium	13463-67-7	Water flea	Experimental	21 days	No tox obs at	>100 mg/l
dioxide					lmt of water sol	
Titanium	13463-67-7	Zebra Fish	Experimental	23 days	No tox obs at	>100 mg/l
dioxide					lmt of water sol	

12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Hydrotreated	64742-47-8	Data not			N/A	
Light		available-				
Petroleum		insufficient				
Distillates						
Medium	64742-88-7	Experimental	28 days	CO2 evolution	55 % weight	OECD 301B - Modified
Aliphatic		Biodegradation				sturm or CO2
Solvent						
Naphtha						
White Mineral	8042-47-5	Experimental	28 days	CO2 evolution	0 % weight	OECD 301B - Modified

Oil (Petroleum)		Biodegradation				sturm or CO2
Kaolin,	92704-41-1	Data not			N/A	
calcined		available-				
		insufficient				
Glycerin	56-81-5	Experimental	14 days	BOD	63 %	OECD 301C - MITI
		Biodegradation			BOD/ThBOD	test (I)
Titanium	13463-67-7	Data not			N/A	
dioxide		available-				
		insufficient				

12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Hydrotreated	64742-47-8	Data not	N/A	N/A	N/A	N/A
Light		available or				
Petroleum		insufficient for				
Distillates		classification				
Medium	64742-88-7	Data not	N/A	N/A	N/A	N/A
Aliphatic		available or				
Solvent		insufficient for				
Naphtha		classification				
White Mineral	8042-47-5	Data not	N/A	N/A	N/A	N/A
Oil (Petroleum)		available or				
		insufficient for				
		classification				
Kaolin,	92704-41-1	Data not	N/A	N/A	N/A	N/A
calcined		available or				
		insufficient for				
		classification				
Glycerin	56-81-5	Experimental		Log Kow	-1.76	Non-standard method
		Bioconcentrati				
		on				
Titanium	13463-67-7	Data not	N/A	N/A	N/A	N/A
dioxide		available or				
		insufficient for				
		classification				

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.

Proper destruction may require the use of additional fuel during incineration processes. As a disposal alternative, utilize an acceptable permitted waste disposal facility.

SECTION 14: Transport Information

Australian Dangerous Goods Code (ADG) - Road/Rail Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable. Sub Risk: Not applicable. Packing Group: Not applicable.

Hazchem Code: Not applicable

IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable. Sub Risk: Not applicable. Packing Group: Not applicable.

International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Marine Pollutant: Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Australian Inventory Status:

All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC). Conditions may apply prior to introduction for direct importers of this product, Please contact 3M Australia on 136 136 for further details.

Poison Schedule: This product is intended for Industrial or Professional Use only and therefore is not packaged and labelled in accordance with the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons.

SECTION 16: Other information

Revision information:

Complete document review.

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Greenguard ® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

3M Australia SDSs are available at www.3m.com.au