Safety Data Sheet

Document group:	29-7832-8	**Version number:**	1.00
Revision date:	04/07/2011	**Supersedes date:**	Initial issue.

Transportation version number: 1.00 (04/07/2011)

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
3M Wet on Wet Seam Sealer PN 50992 (black), PN 50993 (white), PN 50994 (grey)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Sealant.

1.3. Details of the supplier of the substance or mixture

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

E Mail: tox.uk@mmm.com
Website: www.3M.com/uk

1.4. Emergency telephone number
+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

2.2. Label elements

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Symbols None.

Contains:

No ingredients are assigned to the label.

Risk phrases

R52/53	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Safety phrases
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Special provisions concerning the labelling of certain substances
Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate. Contains methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate. May produce an allergic reaction.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Calcium Carbonate	471-34-1	EINECS 207-439-9	25 - 40	
Alkoxysilyl Polyether Prepolymer	Trade Secret		15 - 35	
Plasticiser	Trade Secret		10 - 25	
Limestone	1317-65-3	EINECS 215-279-6	10 - 25	
Titanium dioxide	13463-67-7	EINECS 236-675-5	< 10	
Distillates (petroleum), hydrotreated light	64742-47-8	EINECS 265-149-8	1 - 5	Xn:R65 - Nota 4,H (EU) R66; R67 (Self Classified) N:R51/53 (Concawe no. 01/54) Asp. Tox. 1, H304 (CLP) STOT SE 3, H336 (Self Classified)
Calcium Oxide	1305-78-8	EINECS 215-138-9	1 - 5	C:R34; Xi:R37 (Self Classified) Acute Tox. 4, H302; Skin Corr. 1B, H314 (Self Classified)
Triiron tetraoxide	1317-61-9	EINECS 215-277-5	< 3	Acute Tox. 4, H332; STOT RE 1, H372 (Self Classified)
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	41556-26-7	EINECS 255-437-1	< 1	N:R50/53; R43 (Self Classified) Skin Sens. 1, H317; Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 (Self Classified)
Carbon black	1333-86-4	EINECS 215-609-9	< 1	
Bis(trimethoxysilylpropyl)amine	82985-35-1	EINECS 280-084-5	< 0.5	N:R51/53 (Self Classified)
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	82919-37-7	EINECS 280-060-4	< 0.5	N:R50/53; R43 (Self Classified) Skin Sens. 1, H317; Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 (Self Classified)

Please see section 16 for the full text of any R phrases and H statements referred to in this section
Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact
Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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.

Inhalation
Remove person to fresh air. If you feel unwell, 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
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. Extinguishing media
In case of fire: Use a carbon dioxide or dry chemical extinguisher for extinction.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.
Irritant vapours or gases.	During combustion.
Oxides of nitrogen.	During combustion.

5.3. Advice 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.

6.3. Methods and material for containment and cleaning up
Contain spill. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

6.4. Reference to other sections
Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling
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 breathing of dust created by cutting, sanding, grinding or machining.

7.2. Conditions for safe storage including any incompatibilities
Store away from heat. Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container.

7.3. Specific end use(s)
See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Calcium Oxide	1305-78-8	Health and Safety Comm. (UK)	TWA:2 mg/m3	
Limestone	1317-65-3	Health and Safety Comm. (UK)	TWA(as inhalable dust):10 mg/m3;TWA(as respirable dust):4 mg/m3;TWA(Inhalable):10 mg/m3;TWA(respirable):4 mg/m3	
Carbon black	1333-86-4	Health and Safety Comm. (UK)	TWA: 3.5 mg/m³; STEL: 7 mg/m³	
Titanium dioxide	13463-67-7	Health and Safety Comm. (UK)	TWA(Inhalable):10 mg/m3;TWA(respirable):4 mg/m³	
Limestone	471-34-1	Health and Safety Comm. (UK)	TWA(as inhalable dust):10 mg/m3;TWA(as respirable dust):4 mg/m3;TWA(Inhalable):10 mg/m3;TWA(respirable):4 mg/m3	

Health and Safety Comm. (UK) : UK Health and Safety Commission
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.

Skin/hand protection

Wear protective gloves.
Gloves made from the following material(s) are recommended: Polyethylene.
Polyvinyl alcohol (PVA).

Respiratory protection

Wear respiratory protection if ventilation is inadequate to prevent overexposure.
Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:
Half facepiece or fullface air-purifying respirator with organic vapour cartridges and P2 particulate prefilters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid.
Specific Physical Form:	Paste
Appearance/Odour	Slight odour
pH	*Not applicable.*
Boiling point/boiling range	*Not applicable.*
Melting point	*No data available.*
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	No flash point
Flammable Limits(LEL)	*Not applicable.*
Flammable Limits(UEL)	*Not applicable.*
Relative density	1.58 [*Ref Std:*WATER=1]
Water solubility	Negligible
Partition coefficient: n-octanol/water	*No data available.*
Evaporation rate	*No data available.*
Vapour density	*Not applicable.*
Viscosity	*No data available.*
Density	1.58 g/m³

9.2. Other information

Hazardous air pollutants	0 % weight

Volatile organic compounds (VOC)	*No data available.*
Percent volatile	2.1 % weight
VOC less H2O & exempt solvents	2.1 % [*Test Method:*tested per EPA method 24]
VOC less H2O & exempt solvents	33 g/l [*Test Method:*tested per EPA method 24]

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
Alcohols.
Water
Amines.

10.6 Hazardous decomposition products

Substance	Condition
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:

Eye contact
Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision. Vapours released during curing may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. Dust created by cutting, grinding, sanding, or machining may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

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

Inhalation
Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain. May cause target organ effects after inhalation.

Ingestion
Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause target organ effects after ingestion.

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.

Toxicological Data

Acute Toxicity

Name	Route	Species	Value	UN GHS Classification
Overall product	Ingestion		No test data available; calculated ATE >5000 mg/kg	Not classified (0% unknown)
Calcium Carbonate	Dermal		LD50 estimated to be > 5000 mg/kg	Not classified
Calcium Carbonate	Ingestion	Rat	LD50 6450 mg/kg	Not classified
Alkoxysilyl Polyether Prepolymer			No data available	
Limestone	Dermal		LD50 estimated to be > 5000 mg/kg	Not classified
Limestone	Ingestion	Rat	LD50 6450 mg/kg	Not classified
Plasticiser	Dermal	Rat	LD50 > 1000 mg/kg	Not classified
Plasticiser	Ingestion	Rat	LD50 > 5000 mg/kg	Not classified
Titanium dioxide	Dermal	Rabbit	LD50 > 10000 mg/kg	Not classified
Titanium dioxide	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 7 mg/l	Category5
Titanium dioxide	Ingestion	Rat	LD50 > 10000 mg/kg	Not classified
Distillates (petroleum), hydrotreated light	Dermal	Rabbit	LD50 > 3160 mg/kg	Category5
Distillates (petroleum), hydrotreated light	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 3.0 mg/l	Not classified
Distillates (petroleum), hydrotreated light	Ingestion	Rat	LD50 > 5000 mg/kg	Not classified
Calcium Oxide	Ingestion	Rat	LD50 500-2000 mg/kg	Category4
Triiron tetraoxide	Dermal		LD50 3100 mg/kg	Category5
Triiron tetraoxide	Inhalation-Dust/Mist (4 hours)		LC50 0.96 mg/l	Category4
Triiron tetraoxide	Ingestion		LD50 3700 mg/kg	Category5
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	Ingestion	Rat	LD50 3125 mg/kg	Category5
Carbon black	Dermal	Rabbit	LD50 > 3000 mg/kg	Not classified

Carbon black	Ingestion	Rat	LD50 > 8000 mg/kg	Not classified
Bis(trimethoxysilylpropyl)amine			No data available	
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	Ingestion	Rat	LD50 3125 mg/kg	Category5

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be irritant	Category 2
Calcium Carbonate		No data available	
Alkoxysilyl Polyether Prepolymer		No data available	
Limestone		No data available	
Plasticiser		No data available	
Titanium dioxide		No significant irritation	Not classified
Distillates (petroleum), hydrotreated light		Mild irritant	Category 3
Calcium Oxide		Corrosive	Category 1C
Triiron tetraoxide		No significant irritation	Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate		No significant irritation	Not classified
Carbon black		No significant irritation	Not classified
Bis(trimethoxysilylpropyl)amine		No data available	
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate		No significant irritation	Not classified

Serious Eye Damage/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be severe irritant	Category 2A
Calcium Carbonate		No data available	
Alkoxysilyl Polyether Prepolymer		No data available	
Limestone		No data available	
Plasticiser		No data available	
Titanium dioxide		Mild irritant	Not classified
Distillates (petroleum), hydrotreated light		Mild irritant	Not classified
Calcium Oxide		Corrosive	Category 1
Triiron tetraoxide		No significant irritation	Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate		No significant irritation	Not classified
Carbon black		No data available	
Bis(trimethoxysilylpropyl)amine		No data available	
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate		No significant irritation	Not classified

Skin Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Category 1 based on component data
Calcium Carbonate		No data available	
Alkoxysilyl Polyether Prepolymer		No data available	
Limestone		No data available	

Plasticiser		No data available	
Titanium dioxide		Not sensitizing	Not classified
Distillates (petroleum), hydrotreated light		Not sensitizing	Not classified
Calcium Oxide		No data available	
Triiron tetraoxide		Some positive data exist, but the data are not sufficient for classification	Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate		Sensitising	Category 1
Carbon black		No data available	
Bis(trimethoxysilylpropyl)amine		No data available	
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate		Sensitising	Category 1

Respiratory Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Calcium Carbonate		No data available	
Alkoxysilyl Polyether Prepolymer		No data available	
Limestone		No data available	
Plasticiser		No data available	
Titanium dioxide		No data available	
Distillates (petroleum), hydrotreated light		No data available	
Calcium Oxide		No data available	
Triiron tetraoxide		No data available	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate		No data available	
Carbon black		No data available	
Bis(trimethoxysilylpropyl)amine		No data available	
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate		No data available	

Germ Cell Mutagenicity

Name	Route	Value	UN GHS Classification
Overall product		No data available	Overall Germ Cell Mutagenicity classificationNot classified
Overall product		No test data available.	
Calcium Carbonate		No data available	
Alkoxysilyl Polyether Prepolymer		No data available	
Limestone		No data available	
Plasticiser		No data available	
Titanium dioxide	In Vitro	Not mutagenic	Not classified
Titanium dioxide	Ingestion	Not mutagenic	Not classified
Distillates (petroleum), hydrotreated light	In Vitro	Not mutagenic	Not classified
Calcium Oxide	In Vitro	Not mutagenic	Not classified
Triiron tetraoxide	In Vitro	Not mutagenic	Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	In Vitro	Not mutagenic	Not classified
Carbon black	In vivo	Some positive data exist,	Not classified

		but the data are not sufficient for classification	
Bis(trimethoxysilylpropyl)amine		No data available	
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	In Vitro	Not mutagenic	Not classified

Carcinogenicity

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
Calcium Carbonate			No data available	
Alkoxysilyl Polyether Prepolymer			No data available	
Limestone			No data available	
Plasticiser			No data available	
Titanium dioxide	Ingestion		Not carcinogenic	Not classified
Titanium dioxide	Inhalation		Some positive data exist, but the data are not sufficient for classification	Not classified
Distillates (petroleum), hydrotreated light	Dermal		Some positive data exist, but the data are not sufficient for classification	Not classified
Calcium Oxide			No data available	
Triiron tetraoxide	Inhalation		Some positive data exist, but the data are not sufficient for classification	Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate			No data available	
Carbon black	Dermal		Not carcinogenic	Not classified
Carbon black	Ingestion		Not carcinogenic	Not classified
Carbon black	Inhalation		Carcinogenic.	Category 2
Bis(trimethoxysilylpropyl)amine			No data available	
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate			No data available	

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product		No test data available.				Not classified based on component data
Calcium Carbonate	Ingestion	Not toxic to reproduction and/or development		NOAEL N/A		
Alkoxysilyl Polyether Prepolymer		No data available				
Limestone	Ingestion	Not toxic to		NOAEL		

		reproduction and/or development		N/A		
Plasticiser		No data available				
Titanium dioxide		No data available				
Distillates (petroleum), hydrotreated light	Inhalation	Not toxic to reproduction and/or development		NOAEL 364 ppm		
Calcium Oxide		No data available				
Triiron tetraoxide		No data available				
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate		No data available				
Carbon black		No data available				
Bis(trimethoxysilyl propyl)amine		No data available				
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate		No data available				

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
Calcium Carbonate	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Calcium Carbonate	Inhalation	respiratory system	All data are negative		NOAEL 0.0812 mg/l		Not classified
Alkoxysilyl Polyether Prepolymer			No data available				
Limestone	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Limestone	Inhalation	respiratory system	All data are negative		NOAEL 0.0812 mg/l		Not classified
Plasticiser			No data available				
Titanium dioxide	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for		Irritation Positive		Not classified

			classification				
Distillates (petroleum), hydrotreated light	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A		Category 3
Distillates (petroleum), hydrotreated light	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Calcium Oxide	Inhalation	respiratory irritation	May cause respiratory irritation		Corrosion Positive		Category 3
Triiron tetraoxide	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate			No data available				
Carbon black	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Bis(trimethoxysilylpropyl)amine			No data available				
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate			No data available				

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product			No test data available.				Category 1 based on component data
Calcium Carbonate			No data available				
Alkoxysilyl Polyether Prepolymer			No data available				
Limestone			No data				

			available				
Plasticiser			No data available				
Titanium dioxide	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification		NOEL 10 mg/m3		Not classified
Titanium dioxide	Inhalation	pulmonary fibrosis	All data are negative		NOAEL N/A		Not classified
Distillates (petroleum), hydrotreated light	Dermal	bone, teeth, nails, and/or hair	Some positive data exist, but the data are not sufficient for classification		NOEL N/A		Not classified
Distillates (petroleum), hydrotreated light	Dermal	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 1000 mg/kg/day		Not classified
Distillates (petroleum), hydrotreated light	Inhalation	hematopoietic system	All data are negative		NOAEL 0.1 mg/l		Not classified
Distillates (petroleum), hydrotreated light	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 100 mg/kg/day		Not classified
Distillates (petroleum), hydrotreated light	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOAEL 100 mg/kg		Not classified
Calcium Oxide			No data available				
Triiron tetraoxide	Inhalation	pneumoconiosis	Causes damage to organs through prolonged or repeated exposure		LOAEL 0.01 mg/l		Category 1
Triiron tetraoxide	Inhalation	pulmonary fibrosis	Some positive data exist, but the data are not sufficient for classification		NOAEL N/A		Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate			No data available				
Carbon black	Inhalation	heart	Some positive data exist, but		NOEL N/A		Not classified

			the data are not sufficient for classification				
Carbon black	Inhalation	pneumoconiosis	Some positive data exist, but the data are not sufficient for classification		NOAEL N/A		Not classified
Bis(trimethoxysilylpropyl)amine			No data available				
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate			No data available				

Aspiration Hazard

Name	Value	UN GHS Classification
Overall product	No test data available.	Not classified based on component and/or viscosity data
Calcium Carbonate	Not an aspiration hazard	Not classified
Alkoxysilyl Polyether Prepolymer	Not an aspiration hazard	Not classified
Limestone	Not an aspiration hazard	Not classified
Plasticiser	Not an aspiration hazard	Not classified
Titanium dioxide	Not an aspiration hazard	Not classified
Distillates (petroleum), hydrotreated light	Aspiration hazard	Category 1
Calcium Oxide	Not an aspiration hazard	Not classified
Triiron tetraoxide	Not an aspiration hazard	Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	Not an aspiration hazard	Not classified
Carbon black	Not an aspiration hazard	Not classified
Bis(trimethoxysilylpropyl)amine	Not an aspiration hazard	Not classified
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	Not an aspiration hazard	Not classified

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

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.
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. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects
No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Dispose of contents/ container in accordance with the local/regional/national/international regulations

Incinerate uncured product in a permitted hazardous waste incinerator in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)
08 04 09* Waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

SECTION 15: Regulatory information

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

Carcinogenicity

Ingredient	CAS Nbr	Classification	Regulation
Carbon black	1333-86-4	Grp. 2B: Possible human carc.	International Agency for Research on Cancer
Titanium dioxide	13463-67-7	Grp. 2B: Possible human carc.	International Agency for Research on Cancer

Global inventory status
Contact 3M for more information.

15.2. Chemical Safety Assessment
Not applicable

SECTION 16: Other information

List of relevant H statements

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

List of relevant R-phrases

R34	Causes burns.
R37	Irritating to respiratory system.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R65	Harmful: May cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

Revision information:
No revision information is available.

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