



## Safety Data Sheet

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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™ SCOTCH-WELD™ Preformed Sealant Black 5313

#### Product Identification Numbers

FS-5313-0203-2 FS-9000-0277-5 FS-9000-2019-9 FS-9000-2037-1 FS-9000-2079-3  
FS-9100-0290-6

7000079781 7000033721 7000033722 7000079797 7000079809  
7000079786

#### 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 safety data sheet

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.  
**Telephone:** +44 (0)1344 858 000  
**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

CLP REGULATION (EC) No 1272/2008

##### CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

**3M™ SCOTCH-WELD™ Preformed Sealant Black 5313**

Not applicable

**SUPPLEMENTAL INFORMATION****Supplemental Hazard Statements:**

EUH210

Safety data sheet available on request.

**Notes on labelling**

Nota L applied to CASRN 64741-88-4.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

| Ingredient  | CAS Nbr    | EC No.    | REACH Registration No. | % by Wt | Classification   |
|---|------------|-----------|------------------------|---------|--|
| Butene, polymer with 2-methyl-1-propene                   | 9044-17-1  |           |                        | 15 - 40 | Substance not classified as hazardous                            |
| Carbon black  | 1333-86-4  | 215-609-9 |                        | 10 - 30 | Substance with a Community level exposure limit in the workplace |
| Kaolin  | 1332-58-7  | 310-194-1 |                        | 10 - 30 | Substance with a Community level exposure limit in the workplace |
| Butyl rubber.   | 9010-85-9  |           |                        | 7 - 20  | Substance not classified as hazardous                            |
| Talc  | 14807-96-6 | 238-877-9 |                        | 3 - 7   | Substance with a Community level exposure limit in the workplace |
| Resin acids and rosin acids, esters with glycerol         | 8050-31-5  | 232-482-5 |                        | 1 - 5   | Substance not classified as hazardous                            |
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 | 265-090-8 |                        | 1 - 5   | Nota L<br>Asp. Tox. 1, H304; EUH066                              |
| Quartz  | 14808-60-7 | 238-878-4 |                        | < 1     | STOT RE 1, H372  |
| Titanium dioxide  | 13463-67-7 | 236-675-5 | 01-2119489379-17       | 0 - 0.5 | Substance with a Community level exposure limit in the workplace |
| Zinc oxide  | 1314-13-2  | 215-222-5 |                        | 0 - 0.1 | Aquatic Acute 1, H400,M=10; Aquatic Chronic 1, H410,M=1          |

Please see section 16 for the full text of any H statements referred to in this section

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****Inhalation**

## 3M™ SCOTCH-WELD™ Preformed Sealant Black 5313

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. Do not induce vomiting. Get immediate 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 fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

### **5.2. Special hazards arising from the substance or mixture**

None inherent in this product.

### **Hazardous Decomposition or By-Products**

| <u>Substance</u>           | <u>Condition</u>   |
|----------------------------|--------------------|
| Carbon monoxide.           | During combustion. |
| Carbon dioxide.            | During combustion. |
| Irritant vapours or gases. | During combustion. |

### **5.3. Advice for fire-fighters**

No special protective actions for fire-fighters are anticipated.

## SECTION 6: Accidental release measures

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

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Observe precautions from other sections.

### **6.2. Environmental precautions**

Avoid release to the environment.

### **6.3. Methods and material for containment and cleaning up**

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. 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**

## 3M™ SCOTCH-WELD™ Preformed Sealant Black 5313

For industrial or professional use only. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

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

Store away from acids. Store away from oxidising agents.

### 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

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 |
|------------------|------------|--------|--|---------------------|
| Kaolin           | 1332-58-7  | UK HSC | TWA (as respirable dust): 2 mg/m <sup>3</sup>                            |                     |
| Carbon black     | 1333-86-4  | UK HSC | TWA: 3.5 mg/m <sup>3</sup> ; STEL: 7 mg/m <sup>3</sup>                   |                     |
| Titanium dioxide | 13463-67-7 | UK HSC | TWA(Inhalable):10 mg/m <sup>3</sup> ;TWA(respirable):4 mg/m <sup>3</sup> |                     |
| Talc             | 14807-96-6 | UK HSC | TWA(as respirable dust):1 mg/m <sup>3</sup>                              |                     |
| Quartz           | 14808-60-7 | UK HSC | TWA(respirable):0.1 mg/m <sup>3</sup>                                    |                     |

UK HSC : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

#### Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Not applicable.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

None required.

##### Skin/hand protection

No chemical protective gloves are required.

##### Respiratory protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

## SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

|  |   |
|--|---|
| Physical state                         | Solid.                                      |
| Specific Physical Form:                | Paste                                       |
| Appearance/Odour                       | Black; Odourless                            |
| Odour threshold                        | <i>No data available.</i>                   |
| pH                                     | <i>No data available.</i>                   |
| Boiling point/boiling range            | <i>Not applicable.</i>                      |
| Melting point                          | <i>No data available.</i>                   |
| Flammability (solid, gas)              | Not classified                              |
| Explosive properties                   | Not classified                              |
| Oxidising properties                   | Not classified                              |
| Flash point                            | ≥93.3 °C [ <i>Test Method: Closed Cup</i> ] |
| Autoignition temperature               | <i>Not applicable.</i>                      |
| Flammable Limits(LEL)                  | <i>Not applicable.</i>                      |
| Flammable Limits(UEL)                  | <i>Not applicable.</i>                      |
| Vapour pressure                        | <i>Not applicable.</i>                      |
| Relative density                       | 1.25 - 1.35 [ <i>Ref Std: WATER=1</i> ]     |
| Water solubility                       | Nil   |
| Solubility- non-water                  | <i>No data available.</i>                   |
| Partition coefficient: n-octanol/water | <i>No data available.</i>                   |
| Evaporation rate                       | <i>No data available.</i>                   |
| Vapour density                         | <i>Not applicable.</i>                      |
| Decomposition temperature              | <i>No data available.</i>                   |
| Viscosity                              | <i>No data available.</i>                   |
| Density                                | 1.25 - 1.35 g/ml                            |

**9.2. Other information**

|                               |                           |
|-------------------------------|---------------------------|
| EU Volatile Organic Compounds | <i>No data available.</i> |
| Percent volatile              | 0 %                       |

**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 Possibility of hazardous reactions**

Hazardous polymerisation will not occur.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

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

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

### 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

No known health effects.

#### Skin contact

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

#### Eye 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.

#### 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   | Ingestion                      |         | No data available; calculated ATE >5,000 mg/kg |
| Kaolin  | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg             |
| Kaolin  | Ingestion                      | Human   | LD50 > 15,000 mg/kg                            |
| Carbon black  | Dermal                         | Rabbit  | LD50 > 3,000 mg/kg                             |
| Carbon black  | Ingestion                      | Rat     | LD50 > 8,000 mg/kg                             |
| Butyl rubber.   | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg             |
| Butyl rubber.   | Ingestion                      |         | LD50 estimated to be > 5,000 mg/kg             |
| Talc  | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg             |
| Talc  | Ingestion                      |         | LD50 estimated to be > 5,000 mg/kg             |
| Distillates (petroleum), solvent-refined heavy paraffinic | Dermal                         | Rabbit  | LD50 > 2,000 mg/kg                             |
| Distillates (petroleum), solvent-refined heavy paraffinic | Ingestion                      | Rat     | LD50 > 5,000                                   |
| Resin acids and rosin acids, esters with glycerol         | Dermal                         | Rabbit  | LD50 > 5,000 mg/kg                             |
| Resin acids and rosin acids, esters with glycerol         | Ingestion                      | Rat     | LD50 > 2,000 mg/kg                             |
| Quartz  | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg             |
| Quartz  | Ingestion                      |         | LD50 estimated to be > 5,000 mg/kg             |
| Titanium dioxide  | Dermal                         | Rabbit  | LD50 > 10,000 mg/kg                            |
| Titanium dioxide  | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 6.82 mg/l                               |
| Titanium dioxide  | Ingestion                      | Rat     | LD50 > 10,000 mg/kg                            |
| Zinc oxide  | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg             |
| Zinc oxide  | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 5.7 mg/l                                |
| Zinc oxide  | Ingestion                      | Rat     | LD50 > 5,000 mg/kg                             |

ATE = acute toxicity estimate

**3M™ SCOTCH-WELD™ Preformed Sealant Black 5313****Skin Corrosion/Irritation**

| Name  | Species                | Value                     |
|---|------------------------|---------------------------|
| Kaolin  | Professional judgement | No significant irritation |
| Carbon black  | Rabbit                 | No significant irritation |
| Butyl rubber.   | Rabbit                 | No significant irritation |
| Distillates (petroleum), solvent-refined heavy paraffinic | Rabbit                 | Minimal irritation        |
| Talc  | Rabbit                 | No significant irritation |
| Resin acids and rosin acids, esters with glycerol         | Rabbit                 | Minimal irritation        |
| Quartz  | Professional judgement | No significant irritation |
| Titanium dioxide  | Rabbit                 | No significant irritation |
| Zinc oxide  | Human and animal       | No significant irritation |

**Serious Eye Damage/Irritation**

| Name  | Species                | Value                     |
|---|------------------------|---------------------------|
| Kaolin  | Professional judgement | No significant irritation |
| Carbon black  | Rabbit                 | No significant irritation |
| Butyl rubber.   | Professional judgement | No significant irritation |
| Distillates (petroleum), solvent-refined heavy paraffinic | Rabbit                 | Mild irritant             |
| Talc  | Rabbit                 | No significant irritation |
| Resin acids and rosin acids, esters with glycerol         | Rabbit                 | Mild irritant             |
| Titanium dioxide  | Rabbit                 | No significant irritation |
| Zinc oxide  | Rabbit                 | Mild irritant             |

**Skin Sensitisation**

| Name  | Species          | Value          |
|---|------------------|----------------|
| Distillates (petroleum), solvent-refined heavy paraffinic | Guinea pig       | Not classified |
| Resin acids and rosin acids, esters with glycerol         | Guinea pig       | Not classified |
| Titanium dioxide  | Human and animal | Not classified |
| Zinc oxide  | Guinea pig       | Not classified |

**Respiratory Sensitisation**

| Name | Species | Value          |
|------|---------|----------------|
| Talc | Human   | Not classified |

**Germ Cell Mutagenicity**

| Name         | Route    | Value  |
|--------------|----------|--|
| Carbon black | In Vitro | Not mutagenic                                  |
| Carbon black | In vivo  | Some positive data exist, but the data are not |

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|   |          |  |
|---|----------|--|
|   |          | sufficient for classification  |
| Distillates (petroleum), solvent-refined heavy paraffinic | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Talc  | In Vitro | Not mutagenic  |
| Talc  | In vivo  | Not mutagenic  |
| Resin acids and rosin acids, esters with glycerol         | In Vitro | Not mutagenic  |
| 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 |
| Titanium dioxide  | In Vitro | Not mutagenic  |
| Titanium dioxide  | In vivo  | Not mutagenic  |
| Zinc oxide  | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Zinc oxide  | In vivo  | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name  | Route      | Species                 | Value  |
|---|------------|-------------------------|--|
| Kaolin  | Inhalation | Multiple animal species | Not carcinogenic   |
| Carbon black  | Dermal     | Mouse                   | Not carcinogenic   |
| Carbon black  | Ingestion  | Mouse                   | Not carcinogenic   |
| Carbon black  | Inhalation | Rat                     | Carcinogenic.  |
| Distillates (petroleum), solvent-refined heavy paraffinic | Dermal     | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Talc  | Inhalation | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Quartz  | Inhalation | Human and animal        | Carcinogenic.  |
| Titanium dioxide  | Ingestion  | Multiple animal species | Not carcinogenic   |
| Titanium dioxide  | Inhalation | Rat                     | Carcinogenic.  |

**Reproductive Toxicity**
**Reproductive and/or Developmental Effects**

| Name       | Route     | Value  | Species                 | Test result         | Exposure Duration            |
|------------|-----------|--|-------------------------|---------------------|------------------------------|
| Talc       | Ingestion | Not classified for development                     | Rat                     | NOAEL 1,600 mg/kg   | during organogenesis         |
| Zinc oxide | Ingestion | Not classified for reproduction and/or development | Multiple animal species | NOAEL 125 mg/kg/day | premating & during gestation |

**Target Organ(s)**
**Specific Target Organ Toxicity - single exposure**

| Name  | Route      | Target Organ(s)                   | Value                             | Species               | Test result         | Exposure Duration |
|---|------------|-----------------------------------|-----------------------------------|-----------------------|---------------------|-------------------|
| Distillates (petroleum), solvent-refined heavy paraffinic | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human and animal      | NOAEL Not available |                   |
| Distillates (petroleum), solvent-refined heavy paraffinic | Ingestion  | central nervous system depression | May cause drowsiness or dizziness | Professional judgment | NOAEL Not available |                   |

**Specific Target Organ Toxicity - repeated exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|------|-------|-----------------|-------|---------|-------------|-------------------|
|------|-------|-----------------|-------|---------|-------------|-------------------|



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|   |            |   |  |       |                       |                       |
|---|------------|---|--|-------|-----------------------|-----------------------|
| Kaolin  | Inhalation | pneumoconiosis  | Causes damage to organs through prolonged or repeated exposure               | Human | NOAEL NA              | occupational exposure |
| Kaolin  | Inhalation | pulmonary fibrosis  | Not classified   | Rat   | NOAEL Not available   |                       |
| Carbon black  | Inhalation | pneumoconiosis  | Not classified   | Human | NOAEL Not available   | occupational exposure |
| Distillates (petroleum), solvent-refined heavy paraffinic | Inhalation | respiratory system  | Not classified   | Rat   | NOAEL 0.21 mg/l       | 28 days               |
| Talc  | Inhalation | pneumoconiosis  | Causes damage to organs through prolonged or repeated exposure               | Human | NOAEL Not available   | occupational exposure |
| Talc  | Inhalation | pulmonary fibrosis   respiratory system   | Not classified   | Rat   | NOAEL 18 mg/m3        | 113 weeks             |
| Resin acids and rosin acids, esters with glycerol         | Ingestion  | liver   heart   skin   endocrine system   bone, teeth, nails, and/or hair   blood   bone marrow   hematopoietic system   immune system   muscles   nervous system   eyes   kidney and/or bladder   respiratory system | Not classified   | Rat   | NOAEL 5,000 mg/kg/day | 90 days               |
| Quartz  | Inhalation | silicosis   | Causes damage to organs through prolonged or repeated exposure               | Human | NOAEL Not available   | occupational exposure |
| Titanium dioxide  | Inhalation | respiratory system  | Some positive data exist, but the data are not sufficient for classification | Rat   | LOAEL 0.01 mg/l       | 2 years               |
| Titanium dioxide  | Inhalation | pulmonary fibrosis  | Not classified   | Human | NOAEL Not available   | occupational exposure |
| Zinc oxide  | Ingestion  | nervous system  | Not classified   | Rat   | NOAEL 600 mg/kg/day   | 10 days               |
| Zinc oxide  | Ingestion  | endocrine system   hematopoietic system   kidney and/or bladder   | Not classified   | Other | NOAEL 500 mg/kg/day   | 6 months              |

**Aspiration Hazard**

| Name  | Value             |
|---|-------------------|
| Distillates (petroleum), solvent-refined heavy paraffinic | 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**

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

**12.1. Toxicity**

No product test data available.

| Material                                | CAS Nbr   | Organism | Type  | Exposure | Test endpoint | Test result |
|---|-----------|----------|---|----------|---------------|-------------|
| Butene, polymer with 2-methyl-1-propene | 9044-17-1 |          | Data not available or insufficient for classification |          |               |             |

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|   |            |                   |   |          |                     |             |
|---|------------|-------------------|---|----------|---------------------|-------------|
| Carbon black  | 1333-86-4  |                   | Data not available or insufficient for classification |          |                     |             |
| Kaolin  | 1332-58-7  | Water flea        | Experimental  | 48 hours | LC50                | >1,100 mg/l |
| Butyl rubber.   | 9010-85-9  |                   | Data not available or insufficient for classification |          |                     |             |
| Talc  | 14807-96-6 |                   | Data not available or insufficient for classification |          |                     |             |
| Resin acids and rosin acids, esters with glycerol         | 8050-31-5  | Fathead minnow    | Estimated   | 96 hours | Lethal Level 50%    | >100 mg/l   |
| Resin acids and rosin acids, esters with glycerol         | 8050-31-5  | Water flea        | Estimated   | 48 hours | Effect Level 50%    | >100 mg/l   |
| Resin acids and rosin acids, esters with glycerol         | 8050-31-5  | Green Algae       | Estimated   | 72 hours | Effect Level 50%    | >100 mg/l   |
| Resin acids and rosin acids, esters with glycerol         | 8050-31-5  | Green Algae       | Estimated   | 72 hours | No obs Effect Level | >100 mg/l   |
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 |                   | Data not available or insufficient for classification |          |                     |             |
| Quartz  | 14808-60-7 |                   | Data not available or insufficient for classification |          |                     |             |
| Titanium dioxide  | 13463-67-7 | Water flea        | Experimental  | 48 hours | EC50                | >100 mg/l   |
| Titanium dioxide  | 13463-67-7 | Sheepshead Minnow | Experimental  | 96 hours | LC50                | >240 mg/l   |
| Titanium dioxide  | 13463-67-7 | Water flea        | Experimental  | 30 days  | NOEC                | 3 mg/l      |
| Titanium dioxide  | 13463-67-7 | Fish              | Experimental  | 30 days  | NOEC                | >100 mg/l   |
| Zinc oxide  | 1314-13-2  | Green Algae       | Experimental  | 72 hours | EC50                | 0.046 mg/l  |
| Zinc oxide  | 1314-13-2  | Chinook Salmon    | Experimental  | 96 hours | LC50                | 0.23 mg/l   |
| Zinc oxide  | 1314-13-2  | Water flea        | Experimental  | 48 hours | EC50                | 3.2 mg/l    |
| Zinc oxide  | 1314-13-2  | Green Algae       | Experimental  | 72 hours | NOEC                | 0.021 mg/l  |

**12.2. Persistence and degradability**

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| Material  | CAS Nbr    | Test type   | Duration | Study Type    | Test result | Protocol                          |
|---|------------|---|----------|---------------|-------------|-----------------------------------|
| Butene, polymer with 2-methyl-1-propene                   | 9044-17-1  | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Carbon black  | 1333-86-4  | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Kaolin  | 1332-58-7  | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Butyl rubber.   | 9010-85-9  | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Talc  | 14807-96-6 | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Resin acids and rosin acids, esters with glycerol         | 8050-31-5  | Experimental Biodegradation                           | 28 days  | CO2 evolution | 0 % weight  | OECD 301B - Modified sturm or CO2 |
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Quartz  | 14808-60-7 | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Titanium dioxide  | 13463-67-7 | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |
| Zinc oxide  | 1314-13-2  | Data not available or insufficient for classification | N/A      | N/A           | N/A         | N/A                               |

**12.3 : Bioaccumulative potential**

| Material                                | CAS Nbr   | Test type   | Duration | Study Type | Test result | Protocol |
|---|-----------|---|----------|------------|-------------|----------|
| Butene, polymer with 2-methyl-1-propene | 9044-17-1 | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A      |
| Carbon black                            | 1333-86-4 | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A      |
| Kaolin                                  | 1332-58-7 | Data not  | N/A      | N/A        | N/A         | N/A      |

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|   |            |   |         |                        |      |  |
|---|------------|---|---------|------------------------|------|--|
|   |            | available or insufficient for classification          |         |                        |      |  |
| Butyl rubber.   | 9010-85-9  | Data not available or insufficient for classification | N/A     | N/A                    | N/A  | N/A  |
| Talc  | 14807-96-6 | Data not available or insufficient for classification | N/A     | N/A                    | N/A  | N/A  |
| Resin acids and rosin acids, esters with glycerol         | 8050-31-5  | Experimental Bioconcentration                         |         | Log Kow                | <1.5 | Other methods                                      |
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 | Data not available or insufficient for classification | N/A     | N/A                    | N/A  | N/A  |
| Quartz  | 14808-60-7 | Data not available or insufficient for classification | N/A     | N/A                    | N/A  | N/A  |
| Titanium dioxide  | 13463-67-7 | Experimental BCF-Carp                                 | 42 days | Bioaccumulation factor | 9.6  | Other methods                                      |
| Zinc oxide  | 1314-13-2  | Experimental BCF-Carp                                 | 56 days | Bioaccumulation factor | <217 | OECD 305E - Bioaccumulation flow-through fish test |

#### 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

See Section 11.1 Information on toxicological effects

This product has been classified as a non-hazardous waste. Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial 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.

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### EU waste code (product as sold)

08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09  
20 01 28 Paint, inks, adhesives and resins other than those mentioned in 20 01 27

## SECTION 14: Transportation information

FS-5313-0203-2, FS-9000-0277-5, FS-9000-2019-9, FS-9000-2037-1,  
FS-9000-2079-3, FS-9100-0290-6

Not hazardous for transportation

## SECTION 15: Regulatory information

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

#### Carcinogenicity

| <u>Ingredient</u> | <u>CAS Nbr</u> | <u>Classification</u>          | <u>Regulation</u>                           |
|-------------------|----------------|--------------------------------|---|
| Titanium dioxide  | 13463-67-7     | Grp. 2B: Possible human carc.  | International Agency for Research on Cancer |
| Carbon black      | 1333-86-4      | Grp. 2B: Possible human carc.  | International Agency for Research on Cancer |
| Quartz            | 14808-60-7     | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |

#### Global inventory status

Contact 3M for more information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

|        |   |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking.           |
| H304   | May be fatal if swallowed and enters airways.                   |
| 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.           |

#### Revision information:

Section 3: Composition/ Information of ingredients table information was modified.  
Section 9: Property description for optional properties information was modified.  
Section 12: Component ecotoxicity information information was modified.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Biocumulative potential information information was modified.  
Section 15: Carcinogenicity information information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the

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product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

**3M United Kingdom MSDSs are available at [www.3M.com/uk](http://www.3M.com/uk)**