### GEON 87345 GRAY 2570

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# SAFETY DATA SHEET

### GEON 87345 GRAY 2570

| Section 1. Identification                                  | <b>n</b>   |  |
|--|------------|--|
|  |            |  |
| GHS product identifier                                     | :          | GEON 87345 GRAY 2570   |
| Chemical name  | :          | Mixture  |
| CAS number   | :          | Mixture  |
| Other means of identification                              | :          | 8734500A2570   |
| Product type   | :          | solid  |
| <u>Relevant identified uses of the subs</u><br>Product use | tance<br>: | e or mixture and uses advised against<br>Industrial applications. Plastics.  |
| Supplier's details   | :          | POLYONE CORPORATION  |
|  |            | 33587 Walker Road, Avon Lake, OH 44012                                       |
|  |            | 1 (440) 930-1000 or 1 (866) POLYONE  |
| Emergency telephone number<br>(with hours of operation)    | :          | CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident). |

## Section 2. Hazards identification

This mixture has not been evaluated as a whole for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions.After handling, always wash hands thoroughly with soap and water.

| OSHA/HCS status                            | : | While this material is not considered hazardous by the OSHA Hazard<br>Communication Standard (29 CFR 1910.1200), this SDS contains<br>valuable information critical to the safe handling and proper use of the<br>product. This SDS should be retained and available for employees and<br>other users of this product. |
|--|---|--|
| Classification of the substance or mixture | : | Not classified.  |

#### GHS label elements

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| Signal word<br>Hazard statements | : | No signal word.<br>No known significant effects or critical hazards. |
|----------------------------------|---|--|
| Precautionary statements         |   |  |
| General                          | : | Not applicable.  |
| Prevention                       | : | Not applicable.  |
| Response                         | : | Not applicable.  |
| Storage                          | : | Not applicable.  |
| Disposal                         | : | Not applicable.  |
| Supplemental label elements      | : | None known.  |
| Hazards not otherwise classified | : | None known.  |

## Section 3. Composition/information on ingredients

| Substance/mixture             | : | Mixture      |
|-------------------------------|---|--------------|
| Chemical name                 | : | Mixture      |
| Other means of identification | : | 8734500A2570 |

CAS number/other identifiers

| Ingredient name                               | %     | CAS number |
|---|-------|------------|
| 2-Propenenitrile, polymer with Ethenylbenzene | 1 - 3 | 9003-54-7  |
|   |       |            |
|   |       |            |
| Titanium dioxide                              | 1 - 3 | 13463-67-7 |
|   |       |            |
|   |       |            |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

Description of necessary first aid measures



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|                          |                       |

| Eye contact  | : | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
|--------------|---|---|
| Inhalation   | : | Remove victim to fresh air and keep at rest in a position comfortable<br>for breathing. Get medical attention if symptoms occur. In case of<br>inhalation of decomposition products in a fire, symptoms may be<br>delayed. The exposed person may need to be kept under medical<br>surveillance for 48 hours.   |
| Skin contact | : | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.  |
| Ingestion    | : | Wash out mouth with water. Remove victim to fresh air and keep at<br>rest in a position comfortable for breathing. If material has been<br>swallowed and the exposed person is conscious, give small quantities<br>of water to drink. Do not induce vomiting unless directed to do so by<br>medical personnel. Get medical attention if symptoms occur. |

### Most important symptoms/effects, acute and delayed

| Potential acute health effects                         |       |  |
|--|-------|--|
| Eye contact<br>Inhalation<br>Skin contact<br>Ingestion | :     | No known significant effects or critical hazards.<br>No known significant effects or critical hazards.<br>No known significant effects or critical hazards.<br>No known significant effects or critical hazards. |
| <b>Over-exposure signs/symptoms</b>                    |       |  |
| Eye contact  | :     | No specific data.  |
| Inhalation   | :     | No specific data.  |
| Skin contact   | :     | No specific data.  |
| Ingestion  | :     | No specific data.  |
| Indication of immediate medical atte                   | entio | n and special treatment needed, if necessary   |
| Notes to physician                                     | :     | In case of inhalation of decomposition products in a fire, symptoms<br>may be delayed. The exposed person may need to be kept under<br>medical surveillance for 48 hours.  |
| Specific treatments                                    | :     | No specific treatment.   |
| Protection of first-aiders                             | :     | No action shall be taken involving any personal risk or without suitable training.   |

See toxicological information (Section 11)



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## Section 5. Fire-fighting measures

### Extinguishing media

| Suitable extinguishing media<br>Unsuitable extinguishing media | : | In case of fire, use water spray (fog), foam, dry chemical or $\rm CO_2$ .<br>None known.   |
|--|---|---|
| Specific hazards arising from the chemical                     | : | No specific fire or explosion hazard.   |
| Hazardous thermal  | : | May emit Hydrogen Chloride (HCl).   |
| decomposition products   |   | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>halogenated compounds<br>metal oxide/oxides                                |
| Special protective actions for fire-<br>fighters               | : | Promptly isolate the scene by removing all persons from the vicinity<br>of the incident if there is a fire. No action shall be taken involving any<br>personal risk or without suitable training. |
| Special protective equipment for fire-fighters                 | : | Fire-fighters should wear appropriate protective equipment and self-<br>contained breathing apparatus (SCBA) with a full face-piece operated<br>in positive pressure mode.                        |

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

| For non-emergency personnel<br>For emergency responders | :     | No action shall be taken involving any personal risk or without<br>suitable training. Evacuate surrounding areas. Keep unnecessary and<br>unprotected personnel from entering. Do not touch or walk through<br>spilled material. Put on appropriate personal protective equipment.<br>If specialised clothing is required to deal with the spillage, take note of<br>any information in Section 8 on suitable and unsuitable materials. See<br>also the information in "For non-emergency personnel". |
|---|-------|---|
| Environmental precautions                               | :     | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).   |
| Methods and materials for containm                      | ent a | nd cleaning up  |
| Small spill   | :     | Move containers from spill area. Vacuum or sweep up material and  |

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Large spill

place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

#### Precautions for safe handling

| Protective measures<br>Advice on general occupational<br>hygiene | : | Put on appropriate personal protective equipment (see Section 8).<br>Eating, drinking and smoking should be prohibited in areas where this<br>material is handled, stored and processed. Workers should wash hands<br>and face before eating, drinking and smoking. Remove contaminated<br>clothing and protective equipment before entering eating areas. See<br>also Section 8 for additional information on hygiene measures.   |
|--|---|--|
| Conditions for safe storage,<br>including any incompatibilities  | : | Store in accordance with local regulations. Store in original container<br>protected from direct sunlight in a dry, cool and well-ventilated area,<br>away from incompatible materials (see Section 10) and food and<br>drink. Keep container tightly closed and sealed until ready for use.<br>Containers that have been opened must be carefully resealed and kept<br>upright to prevent leakage. Do not store in unlabeled containers. Use<br>appropriate containment to avoid environmental contamination. |

## Section 8. Exposure controls/personal protection

:

### **Control parameters**

#### **Occupational exposure limits**

| Ingredient name                | Exposure limits   |
|--------------------------------|---|
| 2-Propenenitrile, polymer with |   |
| Ethenylbenzene                 |   |
|                                |   |
|                                |   |
| Titanium dioxide               | OSHA PEL 1989 (1989-03-01)                                |
|                                | PEL: Permissible Exposure Level 10 mg/m3 Form: Total dust |
|                                | <b>OSHA PEL (1993-06-30)</b>                              |
|                                | PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust |
|                                | NIOSH REL (1994-06-01)                                    |



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|                                  |   | ACGIH TLV (1996-05-18)<br>TLV-TWA: Threshold Limit Value - Time weighted average PEL:<br>Permissible Exposure Level 10 mg/m3   |
|----------------------------------|---|--|
| Appropriate engineering controls | :   | Good general ventilation should be sufficient to control worker exposure to airborne contaminants.   |
| Environmental exposure controls  | :   | Emissions from ventilation or work process equipment should be<br>checked to ensure they comply with the requirements of<br>environmental protection legislation. In some cases, fume scrubbers,<br>filters or engineering modifications to the process equipment will be<br>necessary to reduce emissions to acceptable levels.   |
| Individual protection measures   |   |  |
| Hygiene measures                 | :   | Wash hands, forearms and face thoroughly after handling chemical<br>products, before eating, smoking and using the lavatory and at the end<br>of the working period. Appropriate techniques should be used to<br>remove potentially contaminated clothing. Wash contaminated<br>clothing before reusing. Ensure that eyewash stations and safety<br>showers are close to the workstation location. |
| Eye/face protection              | :   | Safety eyewear complying with an approved standard should be used<br>when a risk assessment indicates this is necessary to avoid exposure to<br>liquid splashes, mists, gases or dusts. If contact is possible, the<br>following protection should be worn, unless the assessment indicates a<br>higher degree of protection: safety glasses with side-shields.                                    |
| Skin protection                  |   |  |
| Hand protection                  | :   | Chemical-resistant, impervious gloves complying with an approved<br>standard should be worn at all times when handling chemical products<br>if a risk assessment indicates this is necessary.  |
| Body protection                  | :   | Personal protective equipment for the body should be selected based<br>on the task being performed and the risks involved and should be<br>approved by a specialist before handling this product.  |
| Other skin protection            | <ul> <li>Approved by a spectanst before handling this product.</li> <li>Appropriate footwear and any additional skin protection measure should be selected based on the task being performed and the rist involved and should be approved by a specialist before handling product.</li> </ul> |  |
| Respiratory protection           | :   | Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  |

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## Section 9. Physical and chemical properties

#### **Appearance**

| Physical state   | :         | solid [Pellets.]   |
|--|-----------|--|
| Color  | :         | GREY   |
| Odor   | :         | Not available.   |
| Odor threshold   | :         | Not available.   |
| рН   | :         | Not available.   |
| Melting point  | :         | Not available.   |
| Boiling point  | :         | Not available.   |
| Flash point  | :         | Not available.   |
| Burning time   | :         | Not available.   |
| Burning rate   | :         | Not available.   |
| Evaporation rate   | :         | Not available.   |
| Flammability (solid, gas)  | :         | Not available.   |
| Lower and upper explosive  | :         | Lower: Not available.  |
|  |           |  |
| (flammable) limits   |           | Upper: Not available.  |
|  | :         | <b>Upper:</b> Not available.<br>Not available.   |
| (flammable) limits   | :         |  |
| (flammable) limits<br>Vapor pressure   | :         | Not available.   |
| (flammable) limits<br>Vapor pressure<br>Vapor density  | ::        | Not available.<br>Not available.   |
| (flammable) limits<br>Vapor pressure<br>Vapor density<br>Relative density  | : : : : : | Not available.<br>Not available.<br>Not available.   |
| (flammable) limits<br>Vapor pressure<br>Vapor density<br>Relative density<br>Solubility  |           | Not available.<br>Not available.<br>Not available.<br>Not available.   |
| (flammable) limits<br>Vapor pressure<br>Vapor density<br>Relative density<br>Solubility<br>Solubility in water   | ::        | Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.   |
| (flammable) limits<br>Vapor pressure<br>Vapor density<br>Relative density<br>Solubility<br>Solubility in water<br>Partition coefficient: n-  | ::        | Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.   |
| (flammable) limits<br>Vapor pressure<br>Vapor density<br>Relative density<br>Solubility<br>Solubility in water<br>Partition coefficient: n-<br>octanol/water   | : : : :   | Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.                                     |
| (flammable) limits<br>Vapor pressure<br>Vapor density<br>Relative density<br>Solubility<br>Solubility in water<br>Partition coefficient: n-<br>octanol/water<br>Auto-ignition temperature                              | : : : :   | Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.                                     |
| (flammable) limits<br>Vapor pressure<br>Vapor density<br>Relative density<br>Solubility<br>Solubility in water<br>Partition coefficient: n-<br>octanol/water<br>Auto-ignition temperature<br>Decomposition temperature | : : : :   | Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available.<br>Not available. |

## Section 10. Stability and reactivity

| Reactivity                         | : | No specific test data related to reactivity available for this product or its ingredients.           |
|------------------------------------|---|--|
| Chemical stability                 | : | Stable under recommended storage and handling conditions (see Section 7).                            |
| Possibility of hazardous reactions | : | Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| Conditions to avoid                | : | Keep away from extreme heat and oxidizing agents.  |
| Incompatible materials             | : | Avoid contact with acetal homopolymers and acetyl homopolymers during processing.                    |
| Hazardous decomposition products   | : | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |



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## Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

### **Information on toxicological effects**

#### Acute toxicity

| Product/ingredient name        | Result          | Species             | Dose          | Exposure |
|--------------------------------|-----------------|---------------------|---------------|----------|
| 2-Propenenitrile, polymer with | Ethenylbenzene  |                     |               |          |
|                                | LD50 Oral       | Rat                 | 1,800 mg/kg   | -        |
| Titanium dioxide               | ·               | ·                   |               |          |
|                                | LC50 Inhalation | Rat - Male          | 6.82 Mg/l     | 4 h      |
|                                | LD50 Dermal     | Rabbit              | > 5,000 mg/kg | -        |
| Conclusion/Summary             | • Mixtu         | re Not fully tested | ·             | •        |

Conclusion/Summary

Mixture.Not fully tested.

### **Irritation/Corrosion**

| Product/ingredient name   | Result      | Species        | Score        | Exposure | Observation |
|---------------------------|-------------|----------------|--------------|----------|-------------|
| Titanium dioxide          | Skin - Mild | Human          |              | 72 hrs   | -           |
|                           | irritant    |                |              |          |             |
| <b>Conclusion/Summary</b> |             |                |              |          |             |
| Skin                      | : N         | lixture.Not fu | Illy tested. |          |             |
| Eyes                      | : N         | lixture.Not fu | Illy tested. |          |             |
| Respiratory               | : N         | lixture.Not fu | lly tested.  |          |             |
| Sensitization             |             |                |              |          |             |
| Conclusion/Summary        |             |                |              |          |             |
| Skin                      | : N         | lixture.Not fu | Illy tested. |          |             |
| Respiratory               | : N         | lixture.Not fu | lly tested.  |          |             |
| <u>Mutagenicity</u>       |             |                |              |          |             |
| Conclusion/Summary        | : N         | lixture.Not fu | Illy tested. |          |             |
| <b>Carcinogenicity</b>    |             |                |              |          |             |
| Conclusion/Summary        | : N         | lixture.Not fu | Illy tested. |          |             |
| Classification            |             |                |              |          |             |
| Product/ingredient        | OSHA        | IARC           | NTP          |          |             |
| name                      |             |                |              |          |             |



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| 2-Propenenitrile, polymer                             |                   | 3                         |                                  |  |  |
|---|-------------------|---------------------------|----------------------------------|--|--|
| with Ethenylbenzene                                   |                   |                           |                                  |  |  |
| Titanium dioxide                                      |                   | 2B                        |                                  |  |  |
| <u>Reproductive toxicity</u>                          |                   |                           |                                  |  |  |
| Conclusion/Summary                                    | :                 | Mixture.Not fully t       | ested.                           |  |  |
| <b>Teratogenicity</b>                                 |                   |                           |                                  |  |  |
| Conclusion/Summary                                    | :                 | Mixture.Not fully tested. |                                  |  |  |
| Specific target organ toxicity (sin Not available.    | igle expo         | <u>sure)</u>              |                                  |  |  |
| Specific target organ toxicity (rep<br>Not available. | peated ex         | <u>xposure)</u>           |                                  |  |  |
| Aspiration hazard<br>Not available.                   |                   |                           |                                  |  |  |
| Information on the likely routes of exposure          | of :              | Not available.            |                                  |  |  |
| Potential acute health effects                        |                   |                           |                                  |  |  |
| Eye contact   | :                 | No known signific         | ant effects or critical hazards. |  |  |
| Inhalation  |                   |                           | ant effects or critical hazards. |  |  |
| Skin contact  | :                 |                           | ant effects or critical hazards. |  |  |
| Ingestion   | :                 |                           | ant effects or critical hazards. |  |  |
| Symptoms related to the physical                      | <u>, chemic</u>   | al and toxicologica       | <u>l characteristics</u>         |  |  |
| Eye contact   | :                 | No specific data.         |                                  |  |  |
| Inhalation  |                   | No specific data.         |                                  |  |  |
| Skin contact  |                   | No specific data.         |                                  |  |  |
| Ingestion   |                   | No specific data.         |                                  |  |  |
| Delayed and immediate effects an                      | <u>ıd also cl</u> | hronic effects from       | short and long term exposure     |  |  |
| Short term exposure                                   |                   |                           |                                  |  |  |
| Potential immediate effects                           | :                 | Not available.            |                                  |  |  |
| Potential delayed effects                             | :                 | Not available.            |                                  |  |  |

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| Long term exposure  |           |   |
|---|-----------|---|
| Potential immediate effects<br>Potential delayed effects                              | :         | Not available.<br>Not available.  |
| Potential chronic health effects  |           |   |
| Conclusion/Summary  | :         | Mixture.Not fully tested.   |
| General<br>Carcinogenicity<br>Mutagenicity<br>Teratogenicity<br>Developmental effects | : : : : : | No known significant effects or critical hazards.<br>No known significant effects or critical hazards. |
| Fertility effects   | :         | No known significant effects or critical hazards.   |
| Numerical measures of toxicity  |           |   |

### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### **Toxicity**

| Result                           | Species   | Exposure  |
|----------------------------------|---|---|
|                                  |   |   |
| Acute LC50 > 1,000,000 µg/l      | Fish - Fish   | 96 h  |
| Marine water                     |   |   |
| Acute LC50 > 1,000 mg/l Fresh    | Fish - Fish   | 96 h  |
| water                            |   |   |
| Acute LC50 13 mg/l Fresh water   | Aquatic invertebrates.  | 48 h  |
|                                  | Daphnia   |   |
| Acute LC50 6.5 mg/l Fresh water  | Aquatic invertebrates.  | 48 h  |
|                                  | Daphnia   |   |
| Acute LC50 3 mg/l Fresh water    | Aquatic invertebrates.  | 48 h  |
|                                  | Crustaceans   |   |
| Acute LC50 15.9 mg/l Fresh water | Aquatic invertebrates.  | 48 h  |
|                                  | Crustaceans   |   |
| Acute LC50 3.6 mg/l Fresh water  | Aquatic invertebrates.  | 48 h  |
|                                  | Crustaceans   |   |
| Acute LC50 11 mg/l Fresh water   | Aquatic invertebrates.  | 48 h  |
|                                  | Marine waterAcute LC50 > 1,000 mg/l Fresh<br>waterAcute LC50 13 mg/l Fresh waterAcute LC50 6.5 mg/l Fresh waterAcute LC50 3 mg/l Fresh waterAcute LC50 15.9 mg/l Fresh waterAcute LC50 3.6 mg/l Fresh water | Marine waterAcute LC50 > 1,000 mg/l Fresh<br>waterFish - FishAcute LC50 13 mg/l Fresh waterAquatic invertebrates.<br>DaphniaAcute LC50 6.5 mg/l Fresh waterAquatic invertebrates.<br>DaphniaAcute LC50 3 mg/l Fresh waterAquatic invertebrates.<br>CrustaceansAcute LC50 15.9 mg/l Fresh waterAquatic invertebrates.<br>CrustaceansAcute LC50 3.6 mg/l Fresh waterAquatic invertebrates.<br>CrustaceansAcute LC50 3.6 mg/l Fresh waterAquatic invertebrates.<br>Crustaceans |



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|  |   | Crustaceans                           |                   |
|--|---|---------------------------------------|-------------------|
|  | Acute LC50 13.4 mg/l Fresh water            | Aquatic invertebrates.<br>Crustaceans | 48 h              |
|  | Acute EC50 27.8 mg/l Fresh water            | Aquatic invertebrates.<br>Daphnia     | 48 h              |
|  | Acute EC50 19.3 mg/l Fresh water            | Aquatic invertebrates.<br>Daphnia     | 48 h              |
|  | Acute EC50 35.306 mg/l Fresh water          | Aquatic invertebrates.<br>Daphnia     | 48 h              |
| GEON 87345 GRAY 2570                         |   |                                       |                   |
| Remarks - Acute - Aquatic<br>invertebrates.: | Chemicals are not readily available         | as they are bound within the          | e polymer matrix. |
| Conclusion/Summary                           | : Chemicals are not reading polymer matrix. | ly available as they are bou          | nd within the     |
| Persistence and degradability                | <u>v</u>                                    |                                       |                   |
| Conclusion/Summary                           | : Chemicals are not reading polymer matrix. | ly available as they are bou          | nd within the     |
| Conclusion/Summary                           | : Chemicals are not reading polymer matrix. | ly available as they are bou          | nd within the     |

#### **Bioaccumulative potential**

| Product/ingredient name | LogPow | BCF    | Potential |
|-------------------------|--------|--------|-----------|
| Titanium dioxide        |        | 352.00 | low       |

### Mobility in soil

| Soil/water partition coefficient | : | Not available.                                    |
|----------------------------------|---|---|
| (KOC)<br>Other adverse effects   | : | No known significant effects or critical hazards. |

## Section 13. Disposal considerations

| Disposal methods | : The generation of waste should be avoided or minimized wherever<br>possible. Disposal of this product, solutions and any by-products<br>should at all times comply with the requirements of environmental<br>protection and waste disposal legislation and any regional local<br>authority requirements. Dispose of surplus and non-recyclable<br>products via a licensed waste disposal contractor. Waste should not be<br>disposed of untreated to the sewer unless fully compliant with the<br>requirements of all authorities with jurisdiction. Waste packaging<br>should be recycled. Incineration or landfill should only be considered |
|------------------|--|
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when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

## **Section 14. Transport information**

| U.S. DOT Classification | : | Not regulated for transportation.     |
|-------------------------|---|---------------------------------------|
| ICAO/IATA               | : | Consult mode specific transport rules |
| IMO/IMDG (maritime)     | : | Consult mode specific transport rules |

## Section 15. Regulatory information

| U.S. Federal regulations | <ul> <li>United States - TSCA 12(b) - Chemical export notification: None of the components are listed.</li> <li>United States - TSCA 4(a) - Final Test Rules: Not listed</li> <li>United States - TSCA 4(a) - ITC Priority list: Not listed</li> <li>United States - TSCA 4(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 5(a)2 - Final significant new use rules: Not listed</li> <li>United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(e) - Substances consent order: Not listed</li> <li>United States - TSCA 6 - Final risk management: Not listed</li> <li>United States - TSCA 6 - Proposed risk management: Not listed</li> <li>United States - TSCA 8(a) - Chemical risk rules: Not listed</li> <li>United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed</li> <li>United States - TSCA 8(a) - Preliminary assessment report</li> <li>(PAIR): Listed Cyclohexene, 4-ethenyl-</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> </ul> |
|--------------------------|--|
|                          | United States - EPA Clean water act (CWA) section 307 - Priority<br>pollutants: Listed Vinyl chloride monomer  |

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United States - EPA Clean water act (CWA) section 311 -Hazardous substances: Listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed

| Clean Air Act Section 112(b)<br>Hazardous Air Pollutants (HAPs) | : | Not listed  |
|---|---|-------------|
| Clean Air Act Section 602 Class I                               | : | Not listed  |
| Substances  |   | NT . 1º . 1 |
| Clean Air Act Section 602 Class II<br>Substances                | : | Not listed  |
| DEA List I Chemicals (Precursor<br>Chemicals)                   | : | Not listed  |
| DEA List II Chemicals (Essential                                | : | Not listed  |
| Chemicals)  |   |             |

#### US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

### <u>SARA 311/312</u>

Classification

Not applicable.

:

#### **Composition/information on ingredients**

| Name                           | %     | Classification |
|--------------------------------|-------|----------------|
| 2-Propenenitrile, polymer with | 1 - 3 | AH             |
| Ethenylbenzene                 |       |                |

#### <u>SARA 313</u>

Not applicable.

| State regulations |   |  |
|-------------------|---|--|
| Massachusetts     | : The following components are listed:        |  |
|                   | Calcium carbonate                             |  |
|                   | Titanium dioxide                              |  |
| New York          | None of the components are listed.            |  |
| New Jersey        | : The following components are listed:        |  |
|                   | Ethene, chloro-, homopolymer                  |  |
|                   | Titanium dioxide                              |  |
|                   | 2-Propenenitrile, polymer with Ethenylbenzene |  |
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### SAFETY DATA SHEET

P<u>olyOne</u>

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|--|---|--|--|
|  |   |  |  |
| Pennsylvania :   | Calcium carbonate<br>The following components are l<br>Titanium dioxide | listed:  |  |
|  | Calcium carbonate   |  |  |
| California Prop. 65<br>WARNING: This product contains a chemical known to the State of California to cause cancer. |   |  |  |
| United States inventory (TSCA 8b) :  | All components are listed or ex   | empted.  |  |
| Canada inventory :   | All components are listed or ex   | empted.  |  |
| International regulations  |   |  |  |
| International lists :  | •   | All components are listed or exempted.<br>All components are listed or exempted.<br>gister): Not determined. |  |

|                             |   | Malaysia Inventory (EHS Register): Not determined.              |
|-----------------------------|---|---|
|                             |   | EINECS: All components are listed or exempted.                  |
|                             |   | Japan inventory: Not determined.                                |
|                             |   | China inventory (IECSC): All components are listed or exempted. |
|                             |   | Korea inventory: All components are listed or exempted.         |
|                             |   | New Zealand Inventory of Chemicals (NZIoC): All components      |
|                             |   | are listed or exempted.   |
|                             |   | Philippines inventory (PICCS): All components are listed or     |
|                             |   | exempted.   |
| Chemical Weapons Convention | : | Not listed  |
| List Schedule I Chemicals   |   |   |
| Chemical Weapons Convention | : | Not listed  |
| List Schedule II Chemicals  | • |   |
| Chemical Weapons Convention |   | Not listed  |
| List Schodule III Chemicals | • |   |

## Section 16. Other information

List Schedule III Chemicals

| History                        |   |   |
|--------------------------------|---|---|
| Date of printing               | : | 07/20/2016  |
| Date of issue/Date of revision | : | 07/19/2016  |
| Date of previous issue         | : | 03/12/2014  |
| Version                        | : | 1.8   |
| Key to abbreviations           | : | ATE = Acute Toxicity Estimate                                       |
|                                |   | BCF = Bioconcentration Factor                                       |
|                                |   | GHS = Globally Harmonized System of Classification and Labelling of |
|                                |   | Chemicals   |

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IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations Not available.

References

Notice to reader

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