

Geon™ FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 1 of 18 Print Date 11/30/2018

SAFETY DATA SHEET

Geon[™] FB598 GREEN STEERING WHEEL

| Section 1. Identification |)n | |
|---|-------|--|
| | | |
| GHS product identifier | : | Geon [™] FB598 GREEN STEERING WHEEL |
| Chemical name | : | Mixture |
| CAS number | : | Mixture |
| Other means of identification | : | FO20036439 |
| Product type | : | liquid |
| | | |
| Relevant identified uses of the subs | tance | e or mixture and uses advised against |
| Product use | : | 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 (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. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

| OSHA/HCS status | : | This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). |
|--|---|---|
| Classification of the substance or mixture | : | CARCINOGENICITY - Category 1A |

GHS label elements



Geon™ FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 2 of 18 Print Date 11/30/2018

| Hazard pictograms | : | |
|----------------------------------|---|--|
| Signal word | : | Danger |
| Hazard statements | : | May cause cancer. |
| Precautionary statements | | |
| General | : | Not applicable. |
| Prevention | : | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. |
| Response | : | IF exposed or concerned: Get medical attention. |
| Storage | : | Store locked up. |
| Disposal | : | Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| 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 | : | FO20036439 |

CAS number/other identifiers

| Ingredient name | % | CAS number |
|----------------------|---------|------------|
| Silica, cristobalite | 1 - 3 | 14464-46-1 |
| Titanium dioxide | 0 - 0.3 | 13463-67-7 |
| Quartz | 0 - 0.3 | 14808-60-7 |

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



Geon[™] FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 3 of 18 Print Date 11/30/2018

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

| Eye contact | : | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. |
|--------------|---|---|
| Inhalation | : | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Skin contact | : | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Ingestion | : | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |

Most important symptoms/effects, acute and delayed

| | Potential | acute | health | effects |
|--|-----------|-------|--------|---------|
|--|-----------|-------|--------|---------|

| Eye contact | : | No known significant effects or critical hazards. |
|--------------|---|---|
| Inhalation | : | No known significant effects or critical hazards. |
| Skin contact | : | No known significant effects or critical hazards. |
| Ingestion | : | No known significant effects or critical hazards. |



Geon[™] FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 4 of 18 Print Date 11/30/2018

Over-exposure signs/symptoms

| Eye contact | : | No specific data. |
|--------------|---|-------------------|
| Inhalation | : | No specific data. |
| Skin contact | : | No specific data. |
| Ingestion | : | No specific data. |

Indication of immediate medical attention and special treatment needed, if necessary

| Notes to physician Specific treatments | : | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment. |
|---|---|--|
| Protection of first-aiders | : | No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

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



Geon™ FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 5 of 18 Print Date 11/30/2018

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

| For non-emergency personnel | : | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
|-----------------------------------|--------|---|
| For emergency responders | : | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See 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 contain | ment a | nd cleaning up |
| Small spill | : | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| Large spill | : | Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non- combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. 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 | : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle |
| | E/4.0 |



Geon™ FB598 GREEN STEERING WHEEL

| Version Number 1.2 | Page 6 of 18 |
|--------------------------|-----------------------|
| Revision Date 11/16/2018 | Print Date 11/30/2018 |

| | | until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
|---|---|---|
| Advice on general occupational hygiene | : | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| Conditions for safe storage, including any incompatibilities | : | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a well-ventilated place. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. |

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|----------------------|---|
| Titanium dioxide | OSHA PEL 1989 (1989-03-01) TWA 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust ACGIH TLV (1996-05-18) TWA 10 mg/m3 |
| Silica, cristobalite | OSHA PEL 1989 (1989-03-01) TWA 0.05 mg/m3 (Calculated as Quartz) Form: Respirable dust OSHA PEL Z3 (1997-09-03) TWA 250 MPPCF / 2 x (%SiO2+5) Form: Respirable TWA 10 MG /M3 / 2 x (%SiO2+2) Form: Respirable TWA 30 MG /M3 / 2 x (%SiO2+2) Form: Total dust |



Geon™ FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018

| | | NIOSH REL (1994-06-01) TWA 0.05 mg/m3 Form: Respirable dust ACGIH TLV (2005-12-09) TWA 0.025 mg/m3 Form: Respirable fraction OSHA PEL (2016-06-23) TWA 0.05 mg/m3 Form: Respirable dust |
|---|---|---|
| Quartz | | OSHA PEL 1989 (1989-03-01) TWA 0.1 mg/m3 (Calculated as Quartz) Form: Respirable dust OSHA PEL Z3 (1997-09-03) TWA 250 MPPCF / (%SiO2+5) Form: Respirable TWA 10 MG /M3 / (%SiO2+2) Form: Respirable TWA 30 MG /M3 / (%SiO2+2) Form: Total dust NIOSH REL (1994-06-01) TWA 0.05 mg/m3 Form: Respirable dust ACGIH TLV (2005-12-09) TWA 0.025 mg/m3 Form: Respirable fraction OSHA PEL (2016-06-23) TWA 0.05 mg/m3 Form: Respirable dust |
| Appropriate engineering controls Environmental exposure controls | : | If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |
| Individual protection measures | | |
| Hygiene measures | : | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| Eye/face protection <u>Skin protection</u> | : | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. |



Geon[™] FB598 GREEN STEERING WHEEL

| Version Number 1.2 | Page 8 of 18 |
|--------------------------|-----------------------|
| Revision Date 11/16/2018 | Print Date 11/30/2018 |

| Hand protection | : | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. |
|------------------------|---|--|
| Body protection | : | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Other skin protection | : | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Respiratory protection | : | Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. |

Section 9. Physical and chemical properties

Appearance

| Physical state | : | liquid [liquid] |
|---------------------------|---|-----------------------|
| Color | : | GREEN |
| 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. |
| Vapor pressure | : | Not available. |
| Vapor density | : | Not available. |
| Relative density | : | Not available. |
| Solubility | : | Not available. |
| Solubility in water | : | Not available. |
| Partition coefficient: n- | : | Not available. |
| | | |



Geon[™] FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 9 of 18 Print Date 11/30/2018

| octanol/water | | |
|---------------------------|---|---------------------------|
| Auto-ignition temperature | : | Not available. |
| Decomposition temperature | : | Not available. |
| SADT | : | Not available. |
| Viscosity | : | Dynamic: Not available. |
| - | | Kinematic: 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. |

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 | | | | |
|------------------------------|-----------------------------|-----------------------------|---------------|----------|--|--|--|--|
| Remarks - Oral: | No applicable toxicity data | | | | | | | |
| Remarks - Inhalation: | No applicable toxicity data | | | | | | | |
| Remarks - Dermal: | No applicable toxicity data | | | | | | | |
| Titanium dioxide | · · · · | | | | | | | |
| Remarks - Oral: | No applicable toxicity data | | | | | | | |
| | LC50 Inhalation | LC50 Inhalation Rat - Male | | 4 h | | | | |
| | LD50 Dermal | Rabbit | > 5,000 mg/kg | - | | | | |
| Quartz | | | | | | | | |
| Remarks - Oral: | No applicable toxic | No applicable toxicity data | | | | | | |
| Remarks - Inhalation: | No applicable toxicity data | | | | | | | |
| Remarks - Dermal: | No applicable toxicity data | | | | | | | |
| Conclusion/Summary | : Mixture.Not fully tested. | | | | | | | |



Geon™ FB598 GREEN STEERING WHEEL

Category 1

Version Number 1.2 Revision Date 11/16/2018 Page 10 of 18 Print Date 11/30/2018

Irritation/Corrosion

Quartz

| Product/ingredient name | Result | Species | Score | Exp | osure | Observation |
|--------------------------------------|-------------------|--------------|----------------|----------|------------|-------------|
| Titanium dioxide | Skin - Mild | Human | | 72 h | irs | - |
| | irritant | | | | | |
| Conclusion/Summary | | | | | | |
| Skin | | | fully tested. | | | |
| Eyes | | | fully tested. | | | |
| Respiratory | : N | /lixture.Not | fully tested. | | | |
| Sensitization | | | | | | |
| Conclusion/Summary | | | | | | |
| Skin | : N | /lixture.Not | fully tested. | | | |
| Respiratory | : N | /lixture.Not | fully tested. | | | |
| Mutagenicity | | | | | | |
| Conclusion/Summary | : N | /lixture.Not | fully tested. | | | |
| Carcinogenicity | | | | | | |
| Conclusion/Summary | : N | /lixture.Not | fully tested. | | | |
| Classification Product/ingredient | OSHA | IARC | NTP | | | |
| name | USHA | IARC | INIE | | | |
| Silica, cristobalite | | 1 | Known to | be a b | uman carci | nogen |
| Titanium dioxide | | 2B | THIO WILL | , 00 u 1 | | nogen. |
| Quartz | | 1 | | | | |
| | 1 | | | | | |
| Reproductive toxicity | | | | | | |
| Conclusion/Summary | : N | /lixture.Not | fully tested. | | | |
| <u>Teratogenicity</u> | | | | | | |
| Conclusion/Summary | : N | /lixture.Not | fully tested. | | | |
| Specific target organ toxici | tv (single exposi | ire) | | | | |
| Not available. | , compre exposi | <u></u> | | | | |
| Specific target organ toxici | ty (repeated exp | osure) | | | | |
| Product/ingredient name | Category | | Route of expos | ure | Target or | gans |
| | | | pos | - | | 0 |

10/18



Geon™ FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 11 of 18 Print Date 11/30/2018

| 1 | | |
|--|-----------|--|
| | | |
| Aspiration hazard Not available. | | |
| Information on likely routes of exposure | : | Not available. |
| Potential acute health effects | | |
| Eye contact | : | No known significant effects or critical hazards. |
| Inhalation | : | No known significant effects or critical hazards. |
| Skin contact | : | No known significant effects or critical hazards. |
| Ingestion | : | No known significant effects or critical hazards. |
| Symptoms related to the physica | l, chemi | cal and toxicological characteristics |
| Eye contact | : | No specific data. |
| Inhalation | : | No specific data. |
| Skin contact | : | No specific data. |
| Ingestion | : | No specific data. |
| | | |
| Delayed and immediate effects as | s well as | s chronic effects from short and long-term exposure |
| | | |
| Short term exposure | | |
| Short term exposure | | |
| | | Not available |
| Potential immediate effects | : | Not available. |
| | : | Not available. Not available. |
| Potential immediate effects Potential delayed effects | : | |
| Potential immediate effects Potential delayed effects <u>Long term exposure</u> | : | |
| Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects | : | Not available. |
| Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects Potential delayed effects | : | Not available. |
| Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects Potential delayed effects <u>Potential chronic health effects</u> | : | Not available. Not available. Not available. |
| Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects Potential delayed effects <u>Potential chronic health effects</u> Conclusion/Summary | : | Not available. Not available. Not available. Mixture.Not fully tested. |
| Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects Potential delayed effects <u>Potential chronic health effects</u> Conclusion/Summary General | : | Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. |
| Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects Potential delayed effects <u>Potential chronic health effects</u> Conclusion/Summary | : | Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. May cause cancer. Risk of cancer depends on duration and level of |
| Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects Conclusion/Summary General Carcinogenicity | : | Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. May cause cancer. Risk of cancer depends on duration and level of exposure. |
| Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects Conclusion/Summary General Carcinogenicity Mutagenicity | : | Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. May cause cancer. Risk of cancer depends on duration and level of exposure. No known significant effects or critical hazards. |
| Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects Conclusion/Summary General Carcinogenicity Mutagenicity Teratogenicity | : | Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. May cause cancer. Risk of cancer depends on duration and level of exposure. No known significant effects or critical hazards. No known significant effects or critical hazards. |
| Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects Conclusion/Summary General Carcinogenicity Mutagenicity | : | Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. May cause cancer. Risk of cancer depends on duration and level of exposure. No known significant effects or critical hazards. |



Geon™ FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 12 of 18 Print Date 11/30/2018

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

| Product/ingredient name | Result | Species | Exposure | | | |
|--|---|-----------------------------------|----------|--|--|--|
| Silica, cristobalite | | | | | | |
| Remarks - Acute - Fish: | No applicable toxicity data | | | | | |
| Remarks - Acute - Aquatic | No applicable toxicity data | | | | | |
| invertebrates.: | | | | | | |
| Remarks - Acute - Aquatic | No applicable toxicity data | No applicable toxicity data | | | | |
| plants: | | | | | | |
| Remarks - Chronic - Fish: | No applicable toxicity data | | | | | |
| Remarks - Chronic - | No applicable toxicity data | | | | | |
| Aquatic invertebrates.: | | | | | | |
| Titanium dioxide | | | 0.61 | | | |
| | Acute LC50 > 1,000 Mg/l Marine water | Fish - Fish | 96 h | | | |
| Remarks - Acute - Fish: | | | | | | |
| Remarks - Acute - Fish: | Acute Acute LC50 3 Mg/l Fresh water | Aquatic invertebrates. | 48 h | | | |
| | Acute LC50 5 Mg/1 Mesh water | Crustaceans | 46 11 | | | |
| Remarks - Acute - Aquatic | Acute | | | | | |
| invertebrates.: | | 1 | | | | |
| | Acute LC50 6.5 Mg/l Fresh water | Aquatic invertebrates. Daphnia | 48 h | | | |
| Remarks - Acute - Aquatic invertebrates.: | Acute | | | | | |
| Remarks - Acute - Aquatic plants: | No applicable toxicity data | | | | | |
| Remarks - Chronic - Fish: | No applicable toxicity data | | | | | |
| Remarks - Chronic - | No applicable toxicity data | | | | | |
| Aquatic invertebrates.: | | | | | | |
| Quartz | | | | | | |
| Remarks - Acute - Fish: | No applicable toxicity data | | | | | |
| Remarks - Acute - Aquatic | No applicable toxicity data | | | | | |
| invertebrates.: | | | | | | |
| | 12/18 | | | | | |



Geon[™] FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 13 of 18 Print Date 11/30/2018

| Remarks - Chronic - Fish: No applicable toxicity data Remarks - Chronic - No applicable toxicity data Aquatic invertebrates.: No applicable toxicity data Conclusion/Summary : Persistence and degradability Conclusion/Summary : Not available. Bioaccumulative potential Not available. Mobility in soil Soil/water partition coefficient (KOC) Other adverse effects : Not known significant effects or critical hazards. | Remarks - Acute - Aquatic | No applicable toxicity data | | |
|--|----------------------------------|---|--|--|
| Remarks - Chronic - Fish: No applicable toxicity data Remarks - Chronic - No applicable toxicity data Aquatic invertebrates.: No applicable toxicity data Conclusion/Summary : Not available. Persistence and degradability Conclusion/Summary : Not available. Bioaccumulative potential Not available. Not available. Soil/water partition coefficient : Not available. | - | The applicable toxicity data | | |
| Remarks - Chronic - Aquatic invertebrates.: No applicable toxicity data Conclusion/Summary : Not available. Persistence and degradability : Not available. Conclusion/Summary : Not available. Bioaccumulative potential Not available. : Not available. Mobility in soil : Not available. Soil/water partition coefficient (KOC) : Not available. | • | No applicable toxicity data | | |
| Aquatic invertebrates.: Image: Conclusion/Summary : Not available. Persistence and degradability : Not available. Conclusion/Summary : Not available. Bioaccumulative potential Not available. : Not available. Mobility in soil : Soil/water partition coefficient (KOC) : | | | | |
| Conclusion/Summary : Not available. Persistence and degradability . Conclusion/Summary : Not available. Bioaccumulative potential . Not available. . Mobility in soil . Soil/water partition coefficient (KOC) : Not available. | | No applicable toxicity data | | |
| Persistence and degradability Conclusion/Summary : Not available. Bioaccumulative potential Not available. Mobility in soil Soil/water partition coefficient (KOC) : Not available. | Aquatic invertebrates.: | | | |
| Conclusion/Summary : Not available. Bioaccumulative potential Not available. : Not available. Mobility in soil Soil/water partition coefficient (KOC) : Not available. | Conclusion/Summary | : Not available. | | |
| Conclusion/Summary : Not available. Bioaccumulative potential Not available. : Not available. Mobility in soil Soil/water partition coefficient (KOC) : Not available. | | | | |
| Conclusion/Summary : Not available. Bioaccumulative potential Not available. : Not available. Mobility in soil Soil/water partition coefficient (KOC) : Not available. | Persistence and degradability | <i>y</i> | | |
| Bioaccumulative potential Not available. Mobility in soil Soil/water partition coefficient : Not available. (KOC) | | - | | |
| Bioaccumulative potential Not available. Mobility in soil Soil/water partition coefficient : Not available. (KOC) | Conclusion/Summary | Not available | | |
| Not available. Mobility in soil Soil/water partition coefficient : Not available. (KOC) | Concrusion/Summary | • Not available. | | |
| Not available. Mobility in soil Soil/water partition coefficient : Not available. (KOC) | | | | |
| Not available. Mobility in soil Soil/water partition coefficient : Not available. (KOC) | | | | |
| Not available. Mobility in soil Soil/water partition coefficient : Not available. (KOC) | | | | |
| Mobility in soil Soil/water partition coefficient : Not available. (KOC) | Bioaccumulative potential | | | |
| Soil/water partition coefficient:Not available.(KOC) | Not available. | | | |
| Soil/water partition coefficient:Not available.(KOC) | | | | |
| Soil/water partition coefficient:Not available.(KOC) | | | | |
| Soil/water partition coefficient:Not available.(KOC) | Mobility in soil | | | |
| (KOC) | | | | |
| (KOC) | Sail/water partition coefficie | ant • Not available | | |
| | - | | | |
| Uther adverse effects : No known significant effects or critical hazards. | | | | |
| | 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 : possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. 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



Geon[™] FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 14 of 18 Print Date 11/30/2018

Section 14. Transport information

| U.S.DOT 49CFR Ground/Air/Water | : | Not regulated for transportation. |
|-----------------------------------|---|---------------------------------------|
| International Air ICAO/IATA | : | Consult mode specific transport rules |
| International Water IMO/IMDG | : | Consult mode specific transport rules |

Section 15. Regulatory information

| U.S. Federal regulations | : | United States - TSCA 12(b) - Chemical export notification: The following components are listed: 1,2-Cyclohexanedicarboxylic acid, 1-butyl 2-(phenylmethyl) ester |
|--------------------------|---|--|
| | | United States - TSCA 4(a) - Final Test Rules: Not listed |
| | | United States - TSCA 4(a) - Proposed test rules: Not listed |
| | | United States - TSCA 4(f) - Priority risk review: Not listed |
| | | United States - TSCA 5(a)2 - Final significant new use rules: |
| | | Listed 1,2-Cyclohexanedicarboxylic acid, 1-butyl 2- |
| | | (phenylmethyl) ester |
| | | United States - TSCA 5(a)2 - Proposed significant new use rules: |
| | | Not listed |
| | | United States - TSCA 5(e) - Substances consent order: Not listed |
| | | United States - TSCA 6 - Final risk management: Not listed |
| | | United States - TSCA 6 - Proposed risk management: Not listed |
| | | United States - TSCA 8(a) - Chemical risk rules: Not listed |
| | | United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed |
| | | United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined |
| | | United States - TSCA 8(a) - Preliminary assessment report |
| | | (PAIR): Listed Poly(dimethylsiloxane) |
| | | Diphenyloxide-4,4'-disulfohydrazide |
| | | United States - TSCA 8(c) - Significant adverse reaction (SAR): |
| | | Not listed |
| | | United States - TSCA 8(d) - Health and safety studies: Not listed |
| | | United States - TSCA 4(a) - ITC Priority list: Not listed |
| | | United States - EPA Clean water act (CWA) section 307 - Priority |
| | | |



Geon™ FB598 GREEN STEERING WHEEL

| Version Number 1.2 | Page 15 of 18 |
|--------------------------|-----------------------|
| Revision Date 11/16/2018 | Print Date 11/30/2018 |

pollutants: Listed Vinyl chloride monomer Phthalocyanine green C.I. Pigment Green 36 Zinc stearate

United States - EPA Clean water act (CWA) section 311 -Hazardous substances: Not 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) | : | Listed |
|--|---|------------|
| Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I | : | Not listed |
| Substances Clean Air Act Section 602 Class II | | Not listed |
| Substances | • | |
| DEA List I Chemicals (Precursor Chemicals) | : | Not listed |
| DEA List II Chemicals (Essential | : | Not listed |
| Chemicals) | | |

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

: CARCINOGENICITY Category 1A

Composition/information on ingredients

| Name | % | Classification |
|----------------------|---------|----------------|
| Silica, cristobalite | 1 - 3 | СН |
| Titanium dioxide | 0 - 0.3 | СН |
| Quartz | 0 - 0.3 | СН |

<u>SARA 313</u>



Geon™ FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 16 of 18 Print Date 11/30/2018

Not applicable.

| State regulations | | |
|-------------------|---|--|
| Massachusetts | : | None of the components are listed. |
| New York | : | None of the components are listed. |
| New Jersey | : | The following components are listed: Ouartz |
| | | Titanium dioxide |
| | | Silica, cristobalite |
| | | Ethene, chloro-, homopolymer |
| Pennsylvania | : | The following components are listed: |
| · | | Quartz |
| | | Titanium dioxide |
| | | Silica, amorphous, diatomaceous earth |
| | | Silica, cristobalite |

California Prop. 65

WARNING: This product can expose you to chemicals including Silica, cristobalite, Titanium dioxide, Quartz, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Ingredient name | No significant risk level | Maximum acceptable dosage level |
|----------------------|---------------------------|------------------------------------|
| Silica, cristobalite | No. | No. |
| Titanium dioxide | No. | No. |
| Quartz | No. | No. |

| United States inventory (TSCA 8b) | : | All components are listed or exempted. |
|-----------------------------------|---|--|
| Canada inventory | : | Not determined. |
| International regulations | | |
| Inventory list | | |
| Australia | : | Not determined. |
| Canada | : | Not determined. |
| China | : | Not determined. |
| Europe inventory | : | Not determined. |
| Japan | : | Not determined. |
| New Zealand | : | Not determined. |
| Philippines | : | Not determined. |
| | | 16/18 |
| | | |



Geon™ FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 17 of 18 Print Date 11/30/2018

| Republic of Korea | : | Not determined. |
|-------------------|---|--|
| Taiwan | : | Not determined. |
| Turkey | : | Not determined. |
| United States | : | All components are listed or exempted. |

Section 16. Other information

Hazardous Material Information System (U.S.A.)

| Health | * | 0 |
|------------------|---|---|
| Flammability | | 0 |
| Physical hazards | | 0 |
| | | |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

| Date of printing | : | 11/30/2018 |
|--------------------------------|---|--|
| Date of issue/Date of revision | : | 11/16/2018 |
| Date of previous issue | : | 01/23/2017 |
| Version | : | 1.2 |
| Key to abbreviations | : | ATE = Acute Toxicity Estimate |
| • | | BCF = Bioconcentration Factor |
| | | GHS = Globally Harmonized System of Classification and Labelling of |
| | | Chemicals |
| | | IATA = International Air Transport Association |
| | | IBC = Intermediate Bulk Container |
| | | IMDG = International Maritime Dangerous Goods |
| | | LogPow = logarithm of the octanol/water partition coefficient |
| | | MARPOL = International Convention for the Prevention of Pollution From |
| | | Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine |
| | | pollution) |
| | | $\hat{U}N = United Nations$ |
| References | : | Not available. |
| | | |

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or



Geon[™] FB598 GREEN STEERING WHEEL

Version Number 1.2 Revision Date 11/16/2018 Page 18 of 18 Print Date 11/30/2018

completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.