

GEON HTX ULTRA LA426M BROWN 3717

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SAFETY DATA SHEET

GEON HTX ULTRA LA426M BROWN 3717

| Section 1. Identification | n | |
|--|------------|--|
| GHS product identifier Chemical name CAS number Other means of identification Product type | : | GEON HTX ULTRA LA426M BROWN 3717 Mixture Mixture VC10007257 solid |
| <u>Relevant identified uses of the subs</u> Product use | tance : | e or mixture and uses advised against Industrial applications. Plastics. |
| Supplier's details | : | POLYONE CORPORATION 33587 Walker Road, Avon Lake, OH 44012 |
| Emergency telephone number (with hours of operation) | : | 1 (440) 930-1000 or 1 (866) POLYONE 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 Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. |
|--|---|--|
| Classification of the substance or mixture | : | Not classified. |

GHS label elements



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| Signal word Hazard statements | : | No signal word. 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 | : | VC10007257 |

CAS number/other identifiers

| Ingredient name | % | CAS number |
|-----------------------|---------|------------|
| Dibutyltin mercaptide | 1 - 3 | 10584-98-2 |
| Titanium dioxide | 0.3 - 1 | 13463-67-7 |
| Styrene | 0 - 0.3 | 100-42-5 |

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



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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. Get medical attention if irritation occurs. |
|--------------|---|---|
| Inhalation | : | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| 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 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. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |

Most important symptoms/effects, acute and delayed

| Potential acute health effects | | |
|---|-------------|---|
| Eye contact Inhalation Skin contact Ingestion <u>Over-exposure signs/symptoms</u> | :: | No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. |
| Eye contact Inhalation Skin contact Ingestion | :: | No specific data. No specific data. No specific data. No specific data. |
| Indication of immediate medical at | tentio | on and special treatment needed, if necessary |
| Notes to physician Specific treatments Protection of first-aiders | : : : | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment. No action shall be taken involving any personal risk or without suitable training. |
| | | - |

See toxicological information (Section 11)

Section 5. Firefighting measures



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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 | : | No specific fire or explosion hazard. |
| Hazardous thermal decomposition products | : | May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides 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. |

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

| For non-emergency personnel For emergency responders | : | 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. Put on appropriate personal protective equipment. 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 containment and cleaning up | | |
| Small spill Large spill | : | Move containers from spill area. Vacuum or sweep up material and 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 |
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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 Advice on general occupational hygiene | : | Put on appropriate personal protective equipment (see Section 8). 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. 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

| Exposure limits | |
|----------------------------|---|
| OSHA PEL 1989 (1989-03-01) | |
| TWA 215 mg/m3 50 ppm | |
| STEL 425 mg/m3 100 ppm | |
| OSHA PEL Z2 (1993-06-30) | |
| TWA 100 ppm | |
| CEIL 200 ppm | |
| CEIL 600 ppm | |
| NIOSH REL (1994-06-01) | |
| TWA 215 mg/m3 50 ppm | |
| STEL 425 mg/m3 100 ppm | |
| | OSHA PEL 1989 (1989-03-01) TWA 215 mg/m3 50 ppm STEL 425 mg/m3 100 ppm OSHA PEL Z2 (1993-06-30) TWA 100 ppm CEIL 200 ppm CEIL 600 ppm NIOSH REL (1994-06-01) TWA 215 mg/m3 50 ppm |



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| | | ACGIH TLV (1997-05-21) |
|----------------------------------|---|--|
| | | TWA 85 mg/m3 20 ppm STEL 170 mg/m3 40 ppm |
| 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 |
| Dibutyltin mercaptide | | OSHA PEL (1993-06-30) TWA 0.1 mg/m3 (as Sn) NIOSH REL (1994-06-01) Absorbed through skin. TWA 0.1 mg/m3 (as Sn) OSHA PEL 1989 (1989-03-01) Absorbed through skin. TWA 0.1 mg/m3 (as Sn) Form: Organic. ACGIH TLV (1996-05-18) Absorbed through skin. TWA 0.1 mg/m3 (as Sn) ACGIH TLV (1994-09-01) Absorbed through skin. STEL 0.2 mg/m3 (as Sn) |
| 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 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 | : | 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. |
| Skin protection | | |



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| 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. |
|------------------------|---|---|
| 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 | : | solid [Pellets.] |
|--|---|--|
| Color | : | BROWN |
| Odor | : | Not available. |
| Odor threshold | : | Not available. |
| pH | : | 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. |
| | : | Upper: Not available. Not available. |
| (flammable) limits | : | |
| (flammable) limits Vapor pressure | : | Not available. |
| (flammable) limits Vapor pressure Vapor density | : | Not available. Not available. |
| (flammable) limits Vapor pressure Vapor density Relative density | : | Not available. Not available. Not available. |
| (flammable) limits Vapor pressure Vapor density Relative density Solubility | : | Not available. Not available. Not available. Not available. |
| (flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water | : | Not available. Not available. Not available. Not available. Not available. |
| (flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- | : | Not available. Not available. Not available. Not available. Not available. |
| (flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature | : | Not available. Not available. Not available. Not available. Not available. Not available. |
| (flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water | : | Not available. Not available. Not available. Not available. Not available. Not available. |
| (flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature | : | Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. |
| (flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature SADT | : | Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. |



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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 | |
|------------------------------|-----------------------------|-----------------------------|---------------|----------|--|
| Dibutyltin mercaptide | | | | | |
| | LD50 Oral | Rat | 510 mg/kg | - | |
| Remarks - Inhalation: | No applicable toxi | No applicable toxicity data | | | |
| Remarks - Dermal: | No applicable toxi | city data | | | |
| Titanium dioxide | | | | | |
| Remarks - Oral: | No applicable toxi | city data | | | |
| | LC50 Inhalation | Rat - Male | 6.82 Mg/l | 4 h | |
| | LD50 Dermal | Rabbit | > 5,000 mg/kg | - | |
| Styrene | | | | | |
| | LD50 Oral | Rat | 2,650 mg/kg | - | |
| | LC50 Inhalation | Rat | 2,770 ppm | 4 h | |
| | LC50 Inhalation | Rat | 11.8 Mg/l | 4 h | |
| Remarks - Dermal: | No applicable toxicity data | | | | |
| Conclusion/Summary | • Mixtu | re Not fully tested | 1 | | |

Conclusion/Summary

Mixture.Not fully tested.

Irritation/Corrosion

| | Product/ingredient name | Result | Species | Score | Exposure | Observation |
|--|-------------------------|--------|---------|-------|----------|-------------|
|--|-------------------------|--------|---------|-------|----------|-------------|



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| Titanium dioxide | Skin - Mild | Human | | 72 hrs | - |
|--------------------------------------|-----------------------------|------------------|-----------|---------|---|
| <u><u><u></u></u></u> | irritant | TT | | | |
| Styrene | Eyes - Mild irritant | Human | | | - |
| | Skin - Mild | Rabbit | | | - |
| | irritant | Kabbit | | | - |
| | Skin - | Rabbit | | | |
| | Moderate | Kabbit | | | - |
| | irritant | | | | |
| | Eyes - Severe | Rabbit | | | |
| | irritant | Rabbit | | | |
| | Eyes - | Rabbit | | 24 hrs | - |
| | Moderate | Rabbit | | 24 11 5 | |
| | irritant | | | | |
| Conclusion/Summary | mmun | 1 | | I | I |
| Skin | : M | ixture.Not fully | v tested. | | |
| Eyes | | ixture.Not fully | | | |
| Respiratory | | ixture.Not fully | | | |
| 1 2 | | | | | |
| <u>Sensitization</u> | | | | | |
| Conclusion/Summary | | | | | |
| Skin | : M | ixture.Not fully | ı tested | | |
| Respiratory | Mixture.Not fully tested. | | | | |
| Respiratory | • • • • | | tostoa. | | |
| Mutagenicity | | | | | |
| Conclusion/Summary | : Mixture.Not fully tested. | | | | |
| Carcinogenicity | | | | | |
| Conductor/Summarr | | weine Not f-11- | tastad | | |
| Conclusion/Summary Classification | : M | ixture.Not fully | lested. | | |
| Product/ingredient | OSHA | IARC | NTP | | |
| name | USIIA | IAKC | 1111 | | |
| Titanium dioxide | | 2B | | | |
| Styrene | | 2B 2B | | | |
| Styrene | | 20 | | | |
| <u>Reproductive toxicity</u> | | | | | |
| Conclusion/Summary | : M | ixture.Not fully | tested. | | |
| Teratogenicity | | | | | |
| Conclusion/Summary | : M | ixture.Not fully | v tested. | | |
| | | | | | |

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| Specific target organ toxicity (sing | gle exp | osure) |
|--|---------|--|
| Not available. | | |
| Specific target organ toxicity (rep | eated | exposure) |
| Not available. | | |
| 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 physical, | 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 | well as | chronic effects from short and long-term exposure |
| Short term exposure | | |
| Potential immediate effects | : | Not available. |
| Potential delayed effects | | Not available. |
| 1 otoritali della jed ericetts | | |
| Long term exposure | | |
| Potential immediate effects | : | Not available. |
| Potential delayed effects | : | Not available. |
| Potential chronic health effects | | |
| Conclusion/Summary | : | Mixture.Not fully tested. |
| General Carcinogenicity | : | No known significant effects or critical hazards. No known significant effects or critical hazards. |



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Mutagenicity Teratogenicity **Developmental effects Fertility effects**

No known significant effects or critical hazards. :

No known significant effects or critical hazards. :

No known significant effects or critical hazards. : :

No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

| Product/ingredient name | Result | Species | Exposure |
|--|--------------------------------------|---------------------------------------|----------|
| Dibutyltin mercaptide | - | | · - |
| Remarks - Acute - Fish: | No applicable toxicity data | | |
| Remarks - Acute - Aquatic invertebrates.: | No applicable toxicity data | | |
| Remarks - Acute - Aquatic plants: | No applicable toxicity data | | |
| Remarks - Chronic - Fish: | No applicable toxicity data | | |
| Remarks - Chronic - | No applicable toxicity data | | |
| Aquatic invertebrates.: | | | |
| Titanium dioxide | | | |
| | Acute LC50 > 1,000 Mg/l Marine water | Fish - Fish | 96 h |
| Remarks - Acute - Fish: | Acute | - | |
| | Acute LC50 3 Mg/l Fresh water | Aquatic invertebrates. Crustaceans | 48 h |
| Remarks - Acute - Aquatic invertebrates.: | Acute | | - - |
| | 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 - Aquatic invertebrates.: | No applicable toxicity data | | |
| | 11/17 | | |



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| Styrene | | | |
|-------------------------------|---|-------------------------------|-----------------|
| | Acute LC50 4.02 Mg/l Fresh water | Fish - Fish | 96 h |
| Remarks - Acute - Fish: | Acute | | |
| | Acute EC50 0.0047 Mg/l Fresh | Aquatic invertebrates. | 48 h |
| | water | Daphnia | |
| Remarks - Acute - Aquatic | Acute | | |
| invertebrates.: | | ſ | |
| | Acute LC50 52 Mg/l Marine water | Aquatic invertebrates. | 48 h |
| | | Crustaceans | |
| Remarks - Acute - Aquatic | Acute | | |
| invertebrates.: | | | |
| | Acute EC50 1.4 Mg/l Fresh water | Aquatic plants - Algae | 72 h |
| Remarks - Acute - Aquatic | Acute | | |
| plants: | A sector EC50.0.72 Ma /I Essel sector | A | 0(1 |
| | Acute EC50 0.72 Mg/l Fresh water | Aquatic plants - Algae | 96 h |
| Remarks - Acute - Aquatic | Acute | | |
| plants: | A suita NOEC 0.062 Mayl Erech | Aquatic plants - Algae | 96 h |
| | Acute NOEC 0.063 Mg/l Fresh water | Aquatic plants - Algae | 90 11 |
| Remarks - Acute - Aquatic | Chronic | | |
| plants: | | | |
| Remarks - Chronic - Fish: | No applicable toxicity data | | |
| Remarks - Chronic - | No applicable toxicity data | | |
| Aquatic invertebrates.: | 11 5 | | |
| GEON HTX ULTRA LA426M | I BROWN 3717 | | |
| Remarks - Acute - Aquatic | Chemicals are not readily available as | s they are bound within the | polymer matrix. |
| invertebrates.: | | • | |
| Conclusion/Summary | | y available as they are bound | nd within the |
| | polymer matrix. | | |
| . | | | |
| Persistence and degradability | <u>Y</u> | | |
| Conclusion /Summann | Chamicala are not readil | r available as there are have | ad within the |
| Conclusion/Summary | : Chemicals are not readily polymer matrix. | y available as they are bound | ia wiunn the |
| | porymer maurx. | | |
| Conclusion/Summary | : Chemicals are not readil | y available as they are bound | nd within the |
| Concrabion, Dummur y | polymer matrix. | | |
| | r - J | | |

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-------|-----------|
| Dibutyltin mercaptide | 3.4 | - | low |
| Styrene | 0.35 | 13.49 | low |



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Mobility in soil

Soil/water partition coefficient (KOC) Other adverse effects

: No known significant effects or critical hazards.

Not available.

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. 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 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: None



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| | | of the components are listed. United States - TSCA 4(a) - Final Test Rules: Not listed United States - TSCA 4(a) - ITC Priority list: 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) - Priority risk review: Not listed United States - TSCA 5(a) - Proposed significant new use rules: Not listed United States - TSCA 5(a) - Proposed significant new use rules: Not listed United States - TSCA 5(e) - Substances consent order: 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 Cyclohexene, 4-ethenyl- 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 8(d) - Health and safety studies: Not listed United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Vinyl chloride monomer Acrylonitrile Ethyl benzene Rutile, antimony chromium buff |
|---|---|--|
| | | 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) Hazardous Air Pollutants (HAPs) | : | Listed |
| Clean Air Act Section 602 Class I Substances | : | Not listed |
| Clean Air Act Section 602 Class II Substances | : | Not listed |
| DEA List I Chemicals (Precursor Chemicals) | : | Not listed |
| DEA List II Chemicals (Essential | : | Not listed |



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Chemicals)

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

: Not applicable.

Composition/information on ingredients

No products were found.

| Name | % | Classification |
|-----------------------|---------------|--|
| Styrene | > 0 - <= 0.3 | FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY - inhalation - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2 |
| Titanium dioxide | >= 0.3 - <= 1 | CARCINOGENICITY - Category 2 |
| Dibutyltin mercaptide | >= 1 - <= 3 | ACUTE TOXICITY - oral - Category 4 |

SARA 313

| | Product name | CAS number | % |
|-----------------------|--------------------------------|------------|---------|
| Form R - Reporting | Rutile, antimony chromium | 68186-90-3 | 1 - 3 |
| requirements | buff | | |
| | Styrene | 100-42-5 | 0 - 0.3 |
| | | | |
| Supplier notification | Rutile, antimony chromium buff | 68186-90-3 | 1 - 3 |
| | Styrene | 100-42-5 | 0 - 0.3 |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

| State regulations | | |
|-------------------|--|--|
| Massachusetts | None of the components are listed. | |
| New York | : The following components are listed: | |
| | Styrene | |
| New Jersey | : The following components are listed: | |
| - | | |
| | 45/47 | |



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Styrene Titanium dioxide White mineral oil (petroleum) Rutile, antimony chromium buff Ethene, chloro-, homopolymer The following components are listed: Styrene Titanium dioxide

Rutile, antimony chromium buff

California Prop. 65

Pennsylvania

WARNING: This product can expose you to Styrene, which is 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 |
|-----------------|---------------------------|------------------------------------|
| Styrene | No. | No. |

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

Section 16. Other information

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



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| 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

| History | | |
|--------------------------------|---|--|
| Date of printing | : | 02/16/2019 |
| Date of issue/Date of revision | : | 02/14/2019 |
| Date of previous issue | : | 03/29/2014 |
| Version | : | 1.3 |
| 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) |
| | | UN = United Nations |
| References | : | Not available. |
| | | |

Notice to reader

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