.....

. .

Version Number 1.4 Revision Date 08/29/2014 Page 1 of 16 Print Date 09/03/2014

# SAFETY DATA SHEET

#### **STAN-TONE VC-15962 CORDO**

| Section 1. Identification                               |      |  |
|---|------|--|
|   |      |  |
| GHS product identifier                                  | :    | STAN-TONE VC-15962 CORDO   |
| Chemical name   | :    | Mixture  |
| CAS number  | :    | Mixture  |
| Other means of identification                           | :    | CC00039348   |
| Product type  | :    | solid  |
| •••   |      |  |
| Relevant identified uses of the subst                   | ance | or mixture and uses advised against  |
| Product use   | :    | Industrial applications. Plastics.   |
| Supplier's details                                      |      | POLYONE CORPORATION  |
| Supplier's details                                      | •    |  |
|   |      | 33587 Walker Road, Avon Lake, OH 44012   |
|   |      | 1 (440) 930-1000 or 1 (866) POLYONE  |
| Emergency telephone number<br>(with hours of operation) | :    | <b>CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).</b> 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 MSDS contains<br>valuable information critical to the safe handling and proper use of the<br>product. This MSDS should be retained and available for employees<br>and other users of this product. |
|--|---|--|
| Classification of the substance or mixture | : | Not classified.  |

ne

Version Number 1.4 Revision Date 08/29/2014 Page 2 of 16 Print Date 09/03/2014

|                                  | : | 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 | : | CC00039348 |

#### CAS number/other identifiers

| Ingredient name                          | %       | CAS number |
|--|---------|------------|
| Molybdate orange (Lead chromate pigment) | 10 - 30 | 12656-85-8 |
| Titanium dioxide                         | 5 - 10  | 13463-67-7 |
| Carbon black                             | 0.1 - 1 | 1333-86-4  |

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

| 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 |



| Version Number 1.4       | Page 3 of 16          |
|--------------------------|-----------------------|
| Revision Date 08/29/2014 | Print Date 09/03/2014 |

|              | 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   |
|              | 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<br>Inhalation  | : | No known significant effects or critical hazards.<br>Exposure to decomposition products may cause a health hazard.<br>Serious effects may be delayed following exposure.  |
| Skin contact   | : | No known significant effects or critical hazards.   |
| Ingestion  | : | No known significant effects or critical hazards.   |
| 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   | : | 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)

### **Section 5. Fire-fighting measures**

#### Extinguishing media

| Suitable extinguishing media   | : | In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> . |
|--------------------------------|---|---|
| Unsuitable extinguishing media | : | None known.   |

PolyOne.

Version Number 1.4 Revision Date 08/29/2014 Page 4 of 16 Print Date 09/03/2014

| Specific hazards arising from the<br>chemical<br>Hazardous thermal<br>decomposition products | : | No specific fire or explosion hazard.<br>May emit Hydrogen Chloride (HCl).<br>Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>sulfur 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 containment and cleaning up   |   |   |
| Small 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.   |
| Large spill   | : | Move containers from spill area. Prevent entry into sewers, water<br>courses, basements or confined areas. Vacuum or sweep up material<br>and place in a designated, labeled waste container. Dispose of via a<br>licensed waste disposal contractor. Note: see Section 1 for emergency   |
| 4/16  |   |   |

<u>olyOne</u>

Version Number 1.4 Revision Date 08/29/2014 Page 5 of 16 Print Date 09/03/2014

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**

| Exposure limits   |
|---|
| OSHA PEL (1993-06-30) Calculated as Mo                    |
| PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust |
| OSHA PEL (2006-11-27) Calculated as Cr                    |
| PEL: Permissible Exposure Level 0.005 mg/m3               |
| OSHA PEL Z2 (2006-11-27)                                  |
| Ceiling 0.001 mg/m3                                       |
| NIOSH REL (2010-09-01) Calculated as Cr                   |
| Time Weighted Average (TWA) 0.0002 mg/m3                  |
| Time Weighted Average (TWA) 0.5 mg/m3                     |
| OSHA PEL 1989 (1989-03-01) Calculated as CrO3             |
| Ceiling 0.1 mg/m3   |
| OSHA PEL 1989 (1989-03-01) Calculated as Pb               |
| PEL: Permissible Exposure Level 0.075 mg/m3               |
| OSHA PEL 1989 (1989-03-01) Calculated as Mo               |
| PEL: Permissible Exposure Level 10 mg/m3 Form: Total dust |
|   |



Version Number 1.4 Revision Date 08/29/2014

| Titanium dioxide         Carbon black                               |   | OSHA PEL 1989 (1989-03-01) Calculated as Cr<br>PEL: Permissible Exposure Level 0.5 mg/m3<br>ACGIH TLV (1995-05-23) Calculated as Pb<br>TLV-TWA: Threshold Limit Value - Time weighted average PEL:<br>Permissible Exposure Level 0.05 mg/m3<br>ACGIH TLV (2001-02-22) Calculated as Mo<br>TLV-TWA: Threshold Limit Value - Time weighted average PEL:<br>Permissible Exposure Level 10 mg/m3 Form: Inhalable fraction<br>TLV-TWA: Threshold Limit Value - Time weighted average PEL:<br>Permissible Exposure Level 3 mg/m3 Form: Respirable fraction<br>OSHA PEL 1989 (1989-03-01)<br>PEL: Permissible Exposure Level 10 mg/m3 Form: Total dust<br>OSHA PEL (1993-06-30)<br>PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust<br>NIOSH REL (1994-06-01)<br>ACGIH TLV (1996-05-18)<br>TLV-TWA: Threshold Limit Value - Time weighted average PEL:<br>Permissible Exposure Level 10 mg/m3<br>OSHA PEL 1989 (1989-03-01)<br>PEL: Permissible Exposure Level 3.5 mg/m3<br>OSHA PEL (1993-06-30)<br>PEL: Permissible Exposure Level 3.5 mg/m3<br>NIOSH REL (1994-06-01)<br>Time Weighted Average (TWA) 3.5 mg/m3<br>Time Weighted Average (TWA)<br>ACGIH TLV (2010-12-06)<br>TLV-TWA: Threshold Limit Value - Time weighted average PEL:<br>Permissible Exposure Level 3.5 mg/m3<br>Time Weighted Average (TWA)<br>ACGIH TLV (2010-12-06)<br>TLV-TWA: Threshold Limit Value - Time weighted average PEL:<br>Permissible Exposure Level 3.5 mg/m3 |
|---|---|---|
| Appropriate engineering controls<br>Environmental exposure controls | : | Good general ventilation should be sufficient to control worker<br>exposure to airborne contaminants.<br>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<br>Hygiene measures                  | : | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end   |

<u>PolyOne</u>

| Version Number 1.4       | Page 7 of 16          |
|--------------------------|-----------------------|
| Revision Date 08/29/2014 | Print Date 09/03/2014 |

| Eye/face protection    | : | 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.<br>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  | : | Appropriate footwear and any additional skin protection measures<br>should be selected based on the task being performed and the risks<br>involved and should be approved by a specialist before handling this<br>product.  |
| 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.   |

## Section 9. Physical and chemical properties

#### **Appearance**

| Physical state            | : | solid [Pellets.]             |
|---------------------------|---|------------------------------|
| Color                     | : | TAN                          |
| 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 | : | <b>Lower:</b> Not available. |

ne

#### Version Number 1.4 Revision Date 08/29/2014

Page 8 of 16 Print Date 09/03/2014

| (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.            |
| 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 |
|-------------------------|-----------|----------------------|--------------|----------|
| Carbon black            |           |                      |              |          |
|                         | LD50 Oral | Rat                  | 15,400 mg/kg | -        |
| Conclusion/Summary      | : Mixtu   | re.Not fully tested. |              |          |

Mixture.Not fully tested.

#### Irritation/Corrosion

<u>PolyOne</u>

NTP

### SAFETY DATA SHEET STAN-TONE VC-15962 CORDO

Version Number 1.4 Revision Date 08/29/2014 Page 9 of 16 Print Date 09/03/2014

| Conclusion/Summary<br>Skin<br>Eyes<br>Respiratory<br><u>Sensitization</u> |                | ::   | Mixture.Not     | t fully tested.<br>t fully tested.<br>t fully tested. |
|---|----------------|------|-----------------|---|
| Conclusion/Summary<br>Skin<br>Respiratory                                 |                | :    |                 | t fully tested.<br>t fully tested.                    |
| <u>Mutagenicity</u><br>Conclusion/Summary                                 |                | :    | Mixture.Not     | fully tested.   |
| <u>Carcinogenicity</u><br>Conclusion/Summary<br><u>Classification</u>     | 0.077.4        | :    | Mixture.Not     | fully tested.   |
| Product/ingredient name   | OSHA           |      |                 | IARC  |
| Molybdate orange (Lead  | +              |      |                 | 1   |
| chromate pigment)<br>Titanium dioxide                                     |                |      |                 | 20  |
|   |                |      |                 | 2B  |
| Carbon black  |                |      |                 | 2B  |
| <u>Reproductive toxicity</u><br>Conclusion/Summary                        |                | :    | Mixture.Not     | fully tested.   |
| <u>Teratogenicity</u>   |                |      |                 |   |
| Conclusion/Summary  |                | :    | Mixture.Not     | t fully tested.                                       |
| Specific target organ toxicity<br>Not available.                          | v (single      | expo | osure)          |   |
| <b>Specific target organ toxicity</b><br>Not available.                   | <u>(repeat</u> | ed e | <u>xposure)</u> |   |
| Aspiration hazard<br>Not available.                                       |                |      |                 |   |
| Information on the likely rou exposure                                    | tes of         | :    | Not availabl    | e.  |



Version Number 1.4 Revision Date 08/29/2014 Page 10 of 16 Print Date 09/03/2014

| Potential acute health effects         |      |  |
|--|------|--|
| Inhalation<br>Skin contact             | :    | No known significant effects or critical hazards.<br>Exposure to decomposition products may cause a health hazard.<br>Serious effects may be delayed following exposure.<br>No known significant effects or critical hazards.<br>No known significant effects or critical hazards. |
| Symptoms related to the physical, cher | mic  | cal and toxicological characteristics  |
| Eye contact                            | :    | No specific data.  |
| Inhalation                             | :    | No specific data.  |
|  | :    | No specific data.  |
| Ingestion                              | :    | No specific data.  |
| Delayed and immediate effects and als  | 50 C | hronic effects from short and long term exposure   |
| Short term exposure                    |      |  |
|  |      |  |
|  | :    | Not available.   |
| Potential delayed effects              | :    | Not available.   |
| Long term exposure                     |      |  |
| Potential immediate effects            | :    | Not available.   |
| Potential delayed effects              | :    | Not available.   |
| Potential chronic health effects       |      |  |
| Conclusion/Summary                     | :    | Mixture.Not fully tested.  |
| General                                | :    | No known significant effects or critical hazards.  |
| Carcinogenicity                        | :    | No known significant effects or critical hazards.  |
|  | :    | No known significant effects or critical hazards.  |
|  | :    | No known significant effects or critical hazards.  |
| 1                                      | :    | 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.

<u>lyOne</u>

Version Number 1.4 Revision Date 08/29/2014 Page 11 of 16 Print Date 09/03/2014

## Section 12. Ecological information

**Toxicity** 

| Product/ingredient name                   | Result                                     | Species                              | Exposure        |
|---|--|--------------------------------------|-----------------|
| Titanium dioxide                          |  |                                      |                 |
|   | Acute LC50 1,000,000 µg/l Marine water     | Fish - Mummichog                     | 96 h            |
|   | Acute LC50 1,000 mg/l Fresh<br>water       | Fish - Fathead minnow                | 96 h            |
|   | Acute LC50 1,000,000 µg/l Marine water     | Fish - Mummichog                     | 96 h            |
|   | Acute LC50 5.5 mg/l Fresh water            | Aquatic invertebrates.<br>Water flea | 48 h            |
|   | Acute LC50 10 mg/l Fresh water             | Aquatic invertebrates.<br>Water flea | 48 h            |
|   | Acute EC50 100 mg/l Fresh water            | Aquatic invertebrates.<br>Water flea | 48 h            |
|   | Acute LC50 13 mg/l Fresh water             | Aquatic invertebrates.<br>Water flea | 48 h            |
|   | Acute LC50 6.5 mg/l Fresh water            | Aquatic invertebrates.<br>Water flea | 48 h            |
|   | Acute EC50 35.9 mg/l Fresh water           | Aquatic plants - Green algae         | 72 h            |
|   | Acute EC50 5.83 mg/l Fresh water           | Aquatic plants - Green algae         | 72 h            |
| STAN-TONE VC-15962 COR                    |  |                                      |                 |
| Remarks - Acute - Aquatic invertebrates.: | Chemicals are not readily available a      | s they are bound within the          | polymer matrix. |
| Conclusion/Summary                        | : Chemicals are not readil polymer matrix. | y available as they are boun         | nd within the   |
| Persistence and degradability             | <u>Y</u>                                   |                                      |                 |
| Conclusion/Summary                        | : Chemicals are not readil polymer matrix. | y available as they are boun         | nd within the   |
| Conclusion/Summary                        | : Chemicals are not readil polymer matrix. | y available as they are boun         | nd within the   |

**Bioaccumulative potential** 

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
|                         |        |     |           |
|                         |        |     |           |



#### Version Number 1.4 Revision Date 08/29/2014

#### Page 12 of 16 Print Date 09/03/2014

| Molybdate orange (Lead chromate pigment) | 3,600.00 | high |
|--|----------|------|
| 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. |
|                                  |   | 6   |

### 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<br>when recycling is not feasible. This material and its container must be<br>disposed of in a safe way. Empty containers or liners may retain some<br>product residues. Avoid dispersal of spilled material and runoff and<br>contract with coil unterguered drives and course. |
|------------------|---|---|
|                  |   | 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 | : | United States - TSCA 12(b) - Chemical export notification: None |  |
|--------------------------|---|---|--|
|                          |   | of the components are listed.                                   |  |
|                          |   | United States - TSCA 4(a) - Final Test Rules: Not listed        |  |
|                          |   |   |  |

Version Number 1.4 Revision Date 08/29/2014

**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)2 - Final significant new use rules:** Listed **Molybdate orange (Lead chromate pigment)** 

United States - TSCA 5(a)2 - Proposed significant new use rules: Listed Molybdate orange (Lead chromate pigment)

**United States - TSCA 5(e) - Substances consent order:** Not listed **United States - TSCA 6 - Final risk management:** Listed **Molybdate orange (Lead chromate pigment)** 

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 Quinacridone (C.I. Pigment Violet 19) Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.hydroxy-,branched

**United States - TSCA 8(c) - Significant adverse reaction (SAR):** 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 Molybdate orange (Lead chromate pigment) 2-Ethylhexanoic acid zinc salt Phenol

Vinvl chloride monomer

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) Clean Air Act Section 602 Class I Substances : Listed

Not listed

ne

Version Number 1.4 Revision Date 08/29/2014 Page 14 of 16 Print Date 09/03/2014

Clean Air Act Section 602 Class II:Not listedSubstances:Not listedDEA List I Chemicals (Precursor<br/>Chemicals):Not listedDEA List II Chemicals (Essential<br/>Chemicals):Not listed

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

not applicable

SARA 311/312

Classification

Not applicable.

:

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

| Name                   | %       | Classification |
|------------------------|---------|----------------|
| Molybdate orange (Lead | 10 - 30 | СН             |
| chromate pigment)      |         |                |
| Titanium dioxide       | 5 - 10  | СН             |
|                        |         |                |
| Carbon black           | 0.1 - 1 | СН             |
|                        |         |                |

#### SARA 313

|                       | Product name           | CAS number | % |
|-----------------------|------------------------|------------|---|
| Form R - Reporting    | Molybdate orange (Lead | 12656-85-8 | 0 |
| requirements          | chromate pigment)      |            |   |
| Supplier notification | Molybdate orange (Lead | 12656-85-8 | 0 |
|                       | chromate pigment)      |            |   |

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     | : The following components are listed:   |
|                   | Titanium dioxide                         |
|                   | Calcium carbonate                        |
| New York          | : None of the components are listed.     |
| New Jersey        | : The following components are listed:   |
|                   | Molybdate orange (Lead chromate pigment) |
|                   | Ethene, chloro-, homopolymer             |
|                   | Titanium dioxide                         |
|                   | Calcium carbonate                        |
|                   |  |

14/16

<u>PolyOne</u>

Version Number 1.4 Revision Date 08/29/2014 Page 15 of 16 Print Date 09/03/2014

| Pennsylvania   | :    | Carbon black<br>The following components are listed:<br>Molybdate orange (Lead chromate pigment)<br>Titanium dioxide<br>Calcium carbonate<br>Carbon black  |
|--|------|--|
| <u>California Prop. 65</u><br>WARNING: This product contains a contains a contain the reproductive harm. | hemi | cal known to the State of California to cause cancer and birth defects or  |
| United States inventory (TSCA 8b)  | :    | All components are listed or exempted.   |
| Canada inventory   | :    | All components are listed or exempted.   |
| International regulations  |      |  |
| International lists  | :    | <ul> <li>Australia inventory (AICS): Not determined.</li> <li>Taiwan inventory (CSNN): Not determined.</li> <li>Malaysia Inventory (EHS Register): Not determined.</li> <li>EINECS: All components are listed or exempted.</li> <li>Japan inventory: Not determined.</li> <li>China inventory (IECSC): Not determined.</li> <li>Korea inventory: Not determined.</li> <li>New Zealand Inventory of Chemicals (NZIoC): Not determined.</li> <li>Philippines inventory (PICCS): Not determined.</li> </ul> |
| Chemical Weapons Convention<br>List Schedule I Chemicals   | :    | Not listed   |
| Chemical Weapons Convention<br>List Schedule II Chemicals  | :    | Not listed   |
| Chemical Weapons Convention<br>List Schedule III Chemicals   | :    | Not listed   |

## Section 16. Other information

|                                |   | · · ·                         |
|--------------------------------|---|-------------------------------|
| Key to abbreviations           | : | ATE = Acute Toxicity Estimate |
| Version                        | : | 1.4                           |
| Date of previous issue         | : | 03/18/2013                    |
| Date of issue/Date of revision | : | 08/29/2014                    |
| Date of printing               | : | 09/03/2014                    |
| <u>History</u>                 |   |                               |

15/16



Version Number 1.4 Revision Date 08/29/2014 Page 16 of 16 Print Date 09/03/2014

BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association 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

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 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.