

MATERIAL SAFETY DATA SHEET

PURPLE BOTTLE

Version Number 1.0 Revision Date 06/05/2003

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1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION 33587 Walker Road, Avon Lake, OH 44012

| NON-EMERGENCY TELEPHONE | : | Product Stewardship (770) 271-5902 |
|-------------------------------|---|--|
| Emergency telephone number | : | CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident). |
| Product name | : | PURPLE BOTTLE |
| Product code | : | CC10037824 |
| Chemical Name | : | Mixture |
| CAS-No. | : | Mixture |
| Product Use | : | Industrial Applications |

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

| Components | CAS-No. | Weight % |
|-------------------|------------|----------|
| Calcium carbonate | 1317-65-3 | 5 - 10 |
| Titanium dioxide | 13463-67-7 | 5 - 10 |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors 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.

POTENTIAL HEALTH EFFECTS

| Routes of Exposure: | : Inhalation, Ingestion, Skin contact |
|---------------------------------|---|
| Acute exposure | |
| Inhalation Ingestion Eyes | Resin particles, like other inert materials, can be mechanically irritating. May be harmful if swallowed. Resin particles, like other inert materials, are mechanically irritating to eyes. |
| Skin | : Experience shows no unusual dermatitis hazard from routine handling. |
| Chronic exposure | : Refer to Section 11 for Toxicological Information. |





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| Medical Conditions Aggravated by Exposure: | : None known. | |
| | 4. FIRST AID MEASURES | |
| Inhalation | : Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases doubt seek medical advice. | of |
| Ingestion | : Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice. | |
| Eyes | : Rinse immediately with plenty of water, also under the eyelids, for least 15 minutes. If eye irritation persists, seek medical attention. | at |
| Skin | : Wash off with soap and plenty of water. If skin irritation persists so medical attention. | eel |
| | 5. FIRE-FIGHTING MEASURES | |
| Flash point | : Not applicable | |
| Flammable Limits Upper explosion limit Lower explosion limit Autoignition temperature Suitable extinguishing media | Not applicable Not applicable Not relevant Carbon dioxide blanket, Water spray, dry powder, foam. | |
| Special Fire Fighting Procedures | : Fullface self-contained breathing apparatus (SCBA) used in positiv pressure mode should be worn to prevent inhalation of airborne contaminants. | 'e |
| Unusual Fire/Explosion Hazards | : None | |
| | 5. ACCIDENTAL RELEASE MEASURES | |
| Personal precautions | : Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls. | |
| Environmental precautions | : Should not be released into the environment. The product should released to enter drains, water courses or the soil. | iot |
| Methods for cleaning up | : Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. Refer to Section of this MSDS for proper disposal methods. | |
| | 7. HANDLING AND STORAGE | |

only in areas with appropriate exhaust ventilation.



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| Storage | : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place. |
|---------|---|
| | 8. EXPOSURE CONTROLS / PERSONAL PROTECTION |

| Respiratory protection | : | No personal respiratory protective equipment normally required. |
|-----------------------------------|---|---|
| Eye/Face Protection | : | Safety glasses with side-shields. |
| Hand protection | : | Protective gloves. |
| Skin and body protection | : | Long sleeved clothing. |
| Additional Protective Measures | : | Safety shoes. |
| General Hygiene Considerations | : | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |
| Engineering measures | : | Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery. |

Exposure limit(s)

| Components | Value | Exposure time | Exposure type | List: |
|-------------------|----------|-----------------------|----------------------|---------|
| Calcium carbonate | 10 mg/m3 | Time Weighted Average | Total dust. | ACGIH |
| | | (TWA): | | |
| Calcium carbonate | 5 mg/m3 | PEL: | Respirable fraction. | OSHA Z1 |
| | 15 mg/m3 | PEL: | Total dust. | OSHA Z1 |
| Titanium dioxide | 10 mg/m3 | Time Weighted Average | | ACGIH |
| | | (TWA): | | |
| Titanium dioxide | 15 mg/m3 | PEL: | Total dust. | OSHA Z1 |

9. PHYSICAL AND CHEMICAL PROPERTIES

| Form |
|---------------------|
| Appearance |
| Color |
| Odor |
| Melting point/range |
| Boiling Point: |
| Water solubility |

: Solid : Pellets : PURPLE : Very faint : Not determined : Not applicable : Insoluble

Evaporation rate Specific Gravity Bulk density Vapor pressure Vapor density pН

- : Not applicable. : Not determined
- : Not established : Not applicable
- : Not applicable : Not applicable

10. STABILITY AND REACTIVITY

| Stability | : | Stable. |
|--------------------------|---|--|
| Hazardous Polymerization | : | Will not occur. |
| Conditions to avoid | : | Keep away from oxidizing agents and open flame. To avoid thermal |



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| | | decomposition, | do not overheat. | |
| Incompatible Material | s : | Incompatible w | ith strong acids and o | oxidizing agents. |
| Hazardous decomposit | | | | oxide (CO), oxides of nitrogen nd smoke are all possible. |
| | 11. T | OXICOLOGI | CAL INFORMATIO | DN |
| This mixture has not b health data for the indi | | | | are effects listed are based on ex |
| Toxicity Overview This product contains | the following c | components whi | ch in their pure form | have the following characteristi |
| CAS-No. | Chemi | cal Name | Effect | Target Organ |
| 1317-65-3 | Calcium car | bonate | Irritant | Eyes, Skin. |
| | | | Systemic effects | Eyes, Skin, Respiratory system |
| 13463-67-7 | Titanium die | oxide | Systemic effects | Respiratory system. |
| | - | Chemicals are n of the polymer. | | s they are bound within the matr s they are bound within the matr |
| Environmental Toxicit Bioaccumulation Poter Additional advice | ntial : : | Chemicals are n of the polymer. Chemicals are n of the polymer. No data availab | ot readily available a ot readily available a le. | s they are bound within the matr |
| Bioaccumulation Pote | ntial : : | Chemicals are n of the polymer. Chemicals are n of the polymer. No data availab | oot readily available a oot readily available a | s they are bound within the matr |
| Bioaccumulation Pote | ntial : : <u>13</u> . | Chemicals are n of the polymer. Chemicals are n of the polymer. No data availab DISPOSAL C Like most therm possible, recycl generator of wa classification, ti | not readily available a not readily available a le. ONSIDERATIONS noplastics the producting is preferred to dissiste material has the reader | s they are bound within the matr struct can be recycled. Where sposal or incineration. The esponsibility for proper waste posal in accordance with |
| Bioaccumulation Poter Additional advice | ntial : : <u>13.</u> : ng : | Chemicals are n of the polymer. Chemicals are n of the polymer. No data availab DISPOSAL C Like most thern possible, recycl generator of wa classification, ti applicable feder Recycling is pre- | not readily available a not readily available a le. ONSIDERATIONS noplastics the producting is preferred to dis ste material has the r cansportation and disp ral, state/provincial ar eferred when possible ibility for proper was accordance with appl | s they are bound within the matr struct can be recycled. Where sposal or incineration. The esponsibility for proper waste posal in accordance with |
| Bioaccumulation Potes Additional advice Product | ntial : : <u>13.</u> : ng : | Chemicals are n of the polymer. Chemicals are n of the polymer. No data availab DISPOSAL C Like most therm possible, recycl generator of wa classification, tr applicable feder Recycling is pre has the responsi and disposal in and local regula | not readily available a not readily available a le. ONSIDERATIONS noplastics the producting is preferred to dis ste material has the r cansportation and disp ral, state/provincial ar eferred when possible ibility for proper was accordance with appl | s they are bound within the matr st can be recycled. Where sposal or incineration. The esponsibility for proper waste posal in accordance with nd local regulations. |
| Bioaccumulation Potes Additional advice Product | ntial : : | Chemicals are n of the polymer. Chemicals are n of the polymer. No data availab DISPOSAL C Like most therm possible, recycl generator of wa classification, tr applicable feder Recycling is pre has the responsi and disposal in and local regula | not readily available a not readily available a le. ONSIDERATIONS noplastics the producting is preferred to dis ste material has the reason of the state of the | s they are bound within the matr st can be recycled. Where sposal or incineration. The esponsibility for proper waste posal in accordance with nd local regulations. |



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| IMO / IMDG | : | Refer to specific regulation. |
| | 15 | 5. REGULATORY INFORMATION |
| US Regulations: | | |
| OSHA Status | : | Classified as hazardous based on components. |
| TSCA Status | : | All components of this product are listed on or exempt from the TSC Inventory. |
| US. EPA CERCLA Hazardous | s Sub | stances (40 CFR 302) |
| Not applicable | | |
| California Proposition 65 | : | This product does not contain a substance listed by California Prop 6. |
| SARA Title III Section 302 Ex | trem | ely Hazardous Substance |
| Not applicable | | |
| Not applicable SARA Title III Section 313 To | oxic (| Chemicals: |
| | oxic (| Chemicals: |
| SARA Title III Section 313 To | oxic (| Chemicals: |
| SARA Title III Section 313 To Not applicable | | Chemicals: D2B |
| SARA Title III Section 313 To Not applicable Canadian Regulations: | | |
| SARA Title III Section 313 To Not applicable Canadian Regulations: WHMIS Classification | | D2B All components of this product are on the Canadian Domestic |
| SARA Title III Section 313 To Not applicable Canadian Regulations: WHMIS Classification DSL | | D2B All components of this product are on the Canadian Domestic |
| SARA Title III Section 313 To Not applicable Canadian Regulations: WHMIS Classification DSL National Inventories: | : | D2B All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt. |
| SARA Title III Section 313 To Not applicable Canadian Regulations: WHMIS Classification DSL National Inventories: Australia AICS | : | D2B All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt. Listed. |
| SARA Title III Section 313 To Not applicable Canadian Regulations: WHMIS Classification DSL National Inventories: Australia AICS China IECS | : | D2B All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt. Listed. Listed. |
| SARA Title III Section 313 To Not applicable Canadian Regulations: WHMIS Classification DSL National Inventories: Australia AICS China IECS Europe EINECS | : | D2B All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt. Listed. Listed. Not determined. |



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16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.