



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Ornamental Art Deep Purple Paint Product Code: OAO-0160

Trade Name: Deep Purple Paint

Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Product Use: Paint for cured concrete (refer to application instructions).

Not recommended for: Non-porous substrates (e.g. metal, resins, fiberglass) when submerged in water or exposed to severe weather conditions.

Section 2 - Hazards Identification

GHS Ratings:

Carcinogen 2 Limited evidence of human or animal carcinogenicity

GHS Hazards

H351 Suspected of causing cancer

GHS Precautions

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P281 Use personal protective equipment as required
P308+P313 IF exposed or concerned: Get medical advice/attention
P405 Store locked up
P501 Dispose of contents/container to ...

Signal Word: Warning



Section 3 - Composition/Information on Ingredients

| Chemical Name | CAS number | Weight Concentration % |
|---------------|------------|------------------------|
|---------------|------------|------------------------|

| | | |
|---|------------|-----------------|
| | Inert | 40.00% - 50.00% |
| Water softened | 7732-18-5 | 30.00% - 40.00% |
| 3,6-bis(4-chlorophenyl)-2,5-dihydro-pyrrolo[3,4-c]pyrrole-1,4-dione | 84632-65-5 | 1.00% - 5.00% |
| 2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE | 25265-77-4 | 1.00% - 5.00% |
| TITANIUM DIOXIDE | 13463-67-7 | 1.00% - 5.00% |
| 2,2,4-TRIMETHYL 1,3-PENTENDIOL DIISPBURYRATE | 6846-50-0 | 1.00% - 5.00% |

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

INGESTION - If material is ingested, seek immediate medical attention. Rinse mouth thoroughly. Do not induce vomiting.

Notes to Physician: Symptoms may be delayed.

Section 5 - Fire Fighting Measures

Flash Point: > 100 C (>212 F)

LEL:

UEL:

Flammable Limits:

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

SMALL SPILLS: Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled

material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas .

Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

STORAGE: Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

Section 8 - Exposure Controls / Personal Protection

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|---|---|---|-----------------------|
| Inert | Not Established | Not Established | Not Established |
| Water softened 7732-18-5 | No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. | No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. | Not Established |
| 3,6-bis(4-chlorophenyl)-2,5-dihydro-pyrrolo[3,4-c]pyrrole-1,4-dione 84632-65-5 | None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP; OSHA or ACGIH as a carcinogen. | None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP; OSHA or ACGIH as a carcinogen. | Not Established |
| 2,2,4-TRIMETHYL 1,3-PENTENDIOL MONOISOBUTYRATE 25265-77-4 | No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. | No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. | Not Established |
| TITANIUM DIOXIDE 13463-67-7 | OSHA PEL TWA (Total Dust) 15 mg/m3 (50 mppcf*) | ACGIH TLV TWA (inhalable particles) 10 mg/m3 | Not Established |
| 2,2,4-TRIMETHYL 1,3-PENTENDIOL DIISPBURYRATE 6846-50-0 | No component of this product presents at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA. | No component of this product presents at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. | Not Established |

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

| | |
|---|--|
| Appearance: Liquid Vapor Pressure: Not Applicable Vapor Density: 2.0 Specific Density: 1.05 Freezing point: 0°C Boiling Point: 100°C Evaporation rate: Not Determined Explosive Limits: Not Determined Autoignition temperature: Not Determined Viscosity: 1100 - 1300 cPs | Odor: Slight Amine Odor threshold: Not Determined pH: 9.5 - 10.0 Melting point: Not Determined Solubility: Not Determined Flash point: >212°F or >100°C Flammability: Not Applicable Partition coefficient (n- Not Determined octanol/water): Decomposition temperature: Not Determined Grams VOC less water: 43.90 |
|---|--|

Section 10 - Stability and Reactivity

Stability:

STABLE

Incompatibilities/Conditions to avoid: Elevated temperatures. Contact with oxidizing agent/oxidizers.

Hazardous Decomposition: Can produce Carbon Monoxide and/or Carbon Dioxide.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 46mg/L

Component Toxicity

| | |
|------------|---|
| 84632-65-5 | 3,6-bis(4-chlorophenyl)-2,5-dihydro-pyrrolo[3,4-c]pyrrole-1,4-dione Oral LD50: 5,000 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Rat) Inhalation LC50: 2,250 mg/m3 (Rat) |
| 25265-77-4 | 2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE Inhalation LC50: 4 mg/L (Rat) |
| 13463-67-7 | TITANIUM DIOXIDE Inhalation LC50: 7 mg/L (Rat) |
| 6846-50-0 | 2,2,4-TRIMETHYL 1,3-PENTENDIOL DIISPBURYRATE Oral LD50: 2,000 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Guinea Pig) Inhalation LC50: 0 mg/L (Rat) |

Primary routes of entry: Inhalation, Skin contact.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|--------------------------|
|-------------------|--------------------|-----------------|--------------------------|

Section 12 - Ecological Information

Component Ecotoxicity

| | | |
|---|---|------------------------------|
| Water softened | Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic. | |
| 3,6-bis(4-chlorophenyl)-2,5-dihydro-pyrrolo[3,4-c]pyrrole-1,4-dione | Toxicity to fish: LC50 >100 mg/l, species: zebra fish Toxicity to daphnia: EC50 >100 mg/l, species: daph. Mag. straus Toxicity to algae: EC50 >100 mg/l, species: scenedesmus subspicat Sludge toxicity: EC50 >100 mg/l, species: waste water bacteria | |
| 2,2,4-TRIMETHYL 1,3-PENTENDIOL MONOISOBUTYRATE | Toxicity Acute Toxicity Fish Product: No data available. | |
| | Specified substance(s) | |
| | 2,2,4-trimethyl-1,3-pentenediol monoisobutyrate : 33 mg/l | LC-50 (Flathead Minnow, 96h) |
| | Aquatic invertebrates | |
| | Product | No data available. |
| | Specified substance(s) | |
| | 2,2,4-trimethyl-1,3-pentenediol monoisobutyrate 147.8 mg/l | EC-50 (Water Flea, 48h): |
| | Chronic Toxicity | |
| | Fish | |
| | Product: | No data available. |
| | Specified substance(s) | |
| | 2,2,4-trimethyl-1,3-pentenediol monoisobutyrate | No data available |
| | Aquatic invertebrates | |
| | Product | No data available |
| | Specified substance(s) | |
| | 2,2,4-trimethyl-1,3-pentenediol monoisobutyrate | No data available |
| | Mobility in soil: | Log Koc - log koc: 1.5 - 2.8 |
| | Results of PBT and vPvB assessment: | No data available. |
| | 2,2,4-trimethyl-1,3-pentenediol monoisobutyrate (persistent/bioaccumulative/toxic) criteria | Not fulfilling PBT |
| | Other adverse effects: | No data available |
| TITANIUM DIOXIDE | Ecotoxicity: Fish: LC 50 - other fish - > 1,000 mg/l - 96h Invertebrates: EC 50 - Daphnia magna (water flea) - > 1,000 mg/l - 48h | |
| | Persistence and degradability: | |
| | Readily degradable in the environment. | |

2,2,4-TRIMETHYL 1,3-
PENTENDIOL DIISPBURYRATE

Bioaccumulative potential: No additional information.

Mobility in soil: No additional information.

Other adverse effects: No additional information.

Toxicity

Acute Toxicity

Fish

Product: NOEC: (Fish, 96h):>=6mg/l (limit of solubility in fresh water)

Aquatic Invertebrates

Product: NOEC: (daphnid, 48h):>=1.46 mg/l (limit of solubility in fresh water)

Chronic Toxicity

Fish

Product: No data available

Specified substance(s)

Aquatic invertebrates

Product: EC-50 (daphnid, 21 d):>1.3 mg/l (limit of solubility in fresh water)
NOEC: (daphnid, 21 d): 0.7 mg/l

Toxicity to Aquatic Plants

Product: EC-50 (Alga, 72 h):> 7.49 mg/l (limit of solubility in fresh water)

Persistence and degradability

Biodegradation

Product: 70.73% (28 d, Ready Biodegradability: CO2 Evolution Test)
Readily biodegradable, failing 10-d window

Biological Oxygen Demand:

Product: BOD-5 and BOD-20 were not determined because the aqueous solubility of the test article was below that which is required for these tests.

Chemical Oxygen Demand:

Product: No data available

BOD/COD ratio

Product: No data available

Specified substance(s)

Bioaccumulative potential

Product: Fish, Bioconcentration factor (BCF): 1.95 (Measured)
Fish, Bioconcentration factor (BCF): 183 - 194 (Measured)

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Results of PBT and vPvB criteria assessment: Not fulfilling PBT (persistent/bioaccumulative/toxic)

Other adverse effects: No data available.

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

This material is classified for transport as follows:

As cited in the IATA Dangerous Goods Handbook:

Section 3.3.1.3: Liquids described in Section 3.3.1.2 with a flash point exceeding 35°C which do not sustain combustion need not be considered as flammable liquids for the purpose of these Regulations

(b) their fire point accoring to ISO 2592:1973 is greater than 100°C

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
| DOT | Water Based Paint | Unregulated | | Non Hazardous |
| IATA | Water Based Paint | Unregulated | | Non Hazardous |
| ADR/RID | Water Based Paint | Unregulated | | Non Hazardous |
| IMDG | Water Based Paint | Unregulated | | Non Hazardous |

Section 15 - Regulatory Information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

13463-67-7 TITANIUM DIOXIDE Carcinogen

R2K List

13463-67-7 TITANIUM DIOXIDE

Section 16 - Other Information

Hazardous Material Information System (HMIS)

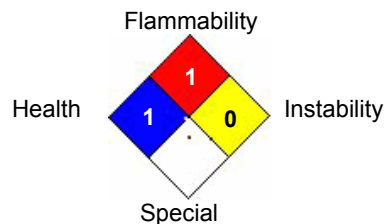
| | |
|----------------------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | H |

HMIS & NFPA Hazard Rating

Legend

- * = Chronic Health Hazard
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

National Fire Protection Association (NFPA)



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users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

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