

HLP84A_A0

Safety Data Sheet DEVTHANE 379H PATTERSON ORANGE PART A



Bulk Sales Reference No.:
SDS Revision Date:
SDS Revision Number:

Sales
Order: {SalesOrd}
HLP84A
07/29/2015
A0-2

1. Identification of the preparation and company

1.1. Product identifier

Product Identity DEVTHANE 379H PATTERSON ORANGE PART A
Bulk Sales Reference No. HLP84A

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended Use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name International Paint LLC
6001 Antoine Drive
Houston Texas 77091

Emergency

CHEMTREC (USA) (800) 424-9300
International Paint (713) 682-1711
Poison Control Center (800) 854-6813
Customer Service
International Paint (800) 589-1267
Fax No. (800) 631-7481

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Flam. Liq. 2;H225 Highly Flammable liquid and vapor.
Skin Sens. 1;H317 May cause an allergic skin reaction.
Aquatic Chronic 3;H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.



Danger.

H225 Highly flammable liquid and vapor.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P260 Do not breathe mist / vapors / spray.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P262 Do not get in eyes, on skin, or on clothing.

HLP84A_A0

- P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.
 P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+352 IF ON SKIN: Wash with soap and water.
 P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P331 Do NOT induce vomiting.
 P333+313 If skin irritation or a rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P370 In case of fire: Use water spray, fog, or regular foam..
 P403+233 Store in a well ventilated place. Keep container tightly closed.
 P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating Health: 3 Flammability: 3 Reactivity: 0

| |
|---|
| 3. Composition/information on ingredients |
|---|

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Weight % | GHS Classification | Notes |
|---|------------|---|--------|
| Modified Acrylic Copolymer CAS Number: Proprietary | 10 - 25 | ---- | [1] |
| tert-Butyl acetate CAS Number: 0000540-88-5 | 10 - 25 | Flam. Liq. 2;H225 | [1][2] |
| Barium sulfate CAS Number: 0007727-43-7 | 10 - 25 | ---- | [1][2] |
| Titanium dioxide CAS Number: 0013463-67-7 | 1.0 - 10 | ---- | [1][2] |
| Ethylene glycol monobutyl ether acetate CAS Number: 0000112-07-2 | 1.0 - 10 | Acute Tox. 4;H332 Acute Tox. 4;H312 | [1][2] |
| Silica, amorphous CAS Number: 0007631-86-9 | 1.0 - 10 | ---- | [1][2] |
| Polyoestradiol phosphate CAS Number: 0028014-46-2 | 1.0 - 10 | ---- | [1][2] |
| Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate CAS Number: 0041556-26-7 | 1.0 - 10 | Skin Sens. 1;H317 Aquatic Chronic 1;H410 Aquatic Acute 1;H400 | [1] |
| DECANEDIOIC ACID, METHYL 1,2,2,6,6-PENTAMETHYL-4-P CAS Number: 0082919-37-7 | 0.10 - 1.0 | Skin Sens. 1;H317 Aquatic Chronic 1;H410 | [1] |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

| |
|-----------------------|
| 4. First aid measures |
|-----------------------|

4.1. Description of first aid measures

| | |
|------------|--|
| General | Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| Eyes | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. |
| Skin | In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately. |
| Ingestion | |

HLP84A_A0

If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-----------------|--|
| Overview | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing. |
| Inhalation | Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea. |
| Eyes | Causes severe eye irritation. Avoid contact with eyes. |
| Skin | Causes skin irritation. May cause allergic skin reaction. May be harmful if absorbed through the skin. |
| Ingestion | Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness. |
| Chronic effects | Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. |

5. Fire-fighting measures

5.1. Extinguishing media

CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. SMALL FIRES: Use dry chemical, CO₂, water spray or alcohol-resistant foam. LARGE FIRES: Use water spray, fog, or alcohol-resistant foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do not scatter the material.

5.2. Special hazards arising from the substance or mixture

May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

ERG Guide No.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).

7. Handling and storage

7.1. Precautions for safe handling

Handling

Vapors may cause flash fire or ignite explosively.

In Storage

Keep away from heat, sparks and flame.

7.2. Conditions for safe storage, including any incompatibilities

HLP84A_A0

Store between 40-100F (4-38C).

Do not get in eyes, on skin or clothing.

Strong oxidizing agents.

Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone.

7.3. Specific end use(s)

Close container after each use.

Wash thoroughly after handling.

Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

| |
|--|
| 8. Exposure controls and personal protection |
|--|

8.1. Control parameters

Exposure

| CAS No. | Ingredient | Source | Value |
|--------------|---|-----------|--|
| 0000112-07-2 | Ethylene glycol monobutyl ether acetate | OSHA | |
| | | ACGIH | 20 ppm TWA |
| | | NIOSH | 5 ppm TWA; 33 mg/m3 TWA |
| | | Supplier | |
| | | OHSA, CAN | 20 ppm TWA |
| | | Mexico | |
| | | Brazil | |
| 0000540-88-5 | tert-Butyl acetate | OSHA | 200 ppm TWA; 950 mg/m3 TWA |
| | | ACGIH | 200 ppm TWA |
| | | NIOSH | 200 ppm TWA; 950 mg/m3 TWA 1500 ppm IDLH (10% LEL) |
| | | Supplier | |
| | | OHSA, CAN | 200 ppm TWA |
| | | Mexico | 200 ppm TWA LMPE-PPT; 950 mg/m3 TWA LMPE-PPT 250 ppm STEL [LMPE-CT]; 1190 mg/m3 STEL [LMPE-CT] |
| | | Brazil | |
| 0007631-86-9 | Silica, amorphous | OSHA | |
| | | ACGIH | |
| | | NIOSH | 6 mg/m3 TWA 3000 mg/m3 IDLH |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |
| 0007727-43-7 | Barium sulfate | OSHA | 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) |
| | | ACGIH | 10 mg/m3 TWA |
| | | NIOSH | 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) |
| | | Supplier | |
| | | OHSA, CAN | 10 mg/m3 TWA |
| | | Mexico | |
| | | Brazil | |
| 0013463-67-7 | Titanium dioxide | OSHA | 15 mg/m3 TWA (total dust) |
| | | ACGIH | 10 mg/m3 TWA |
| | | NIOSH | 5000 mg/m3 IDLH |
| | | Supplier | |
| | | OHSA, | 10 mg/m3 TWA |

HLP84A_A0

| | | | |
|--------------|--|-----------|--|
| | | CAN | |
| | | Mexico | 10 mg/m3 TWA LMPE-PPT (as Ti)20 mg/m3 STEL [LMPE-CT] (as Ti) |
| | | Brazil | |
| 0028014-46-2 | Polyoestradiol phosphate | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |
| 0041556-26-7 | Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |
| 0082919-37-7 | DECANEDIOIC ACID, METHYL 1,2,2,6,6-PENTAMETHYL-4-P | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |
| Proprietary | Modified Acrylic Copolymer | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |

Health Data

| CAS No. | Ingredient | Source | Value |
|--------------|--|--------|---|
| 0000112-07-2 | Ethylene glycol monobutyl ether acetate | NIOSH | Adverse effects on blood and hematopoietic system tissue irritation |
| 0000540-88-5 | tert-Butyl acetate | NIOSH | Eye and throat irritation CNS depression |
| 0007631-86-9 | Silica, amorphous | NIOSH | |
| 0007727-43-7 | Barium sulfate | NIOSH | Eye nose |
| 0013463-67-7 | Titanium dioxide | NIOSH | Lung tumors in animals |
| 0028014-46-2 | Polyoestradiol phosphate | NIOSH | |
| 0041556-26-7 | Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate | NIOSH | |
| 0082919-37-7 | DECANEDIOIC ACID, METHYL 1,2,2,6,6-PENTAMETHYL-4-P | NIOSH | |
| Proprietary | Modified Acrylic Copolymer | NIOSH | |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|--------------|---|--------|--|
| 0000112-07-2 | Ethylene glycol monobutyl ether acetate | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0000540-88-5 | tert-Butyl acetate | OSHA | Select Carcinogen: No |

HLP84A_A0

| | | | |
|--------------|--|------|---|
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0007631-86-9 | Silica, amorphous | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0007727-43-7 | Barium sulfate | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0013463-67-7 | Titanium dioxide | OSHA | Select Carcinogen: Yes |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No; |
| 0028014-46-2 | Polyoestradiol phosphate | OSHA | Select Carcinogen: Yes |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0041556-26-7 | Bis (1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0082919-37-7 | DECANEDIOIC ACID, METHYL 1,2,2,6,6-PENTAMETHYL-4-P | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| Proprietary | Modified Acrylic Copolymer | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

8.2. Exposure controls

Respiratory

Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.

Eyes

Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.

Skin

Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.

Engineering Controls

Depending on the site-specific conditions of use, provide adequate ventilation.

Other Work Practices

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.

9. Physical and chemical properties

HLP84A_A0

| | |
|---|--|
| Appearance | Coloured Liquid |
| Odour threshold | Not Measured |
| pH | No Established Limit |
| Melting point / freezing point | Not Measured |
| Initial boiling point and boiling range | 64 (°C) 148 (°F) |
| Flash Point | 22 (°C) 72 (°F) |
| Evaporation rate (Ether = 1) | Not Measured |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: .8 Upper Explosive Limit: No Established Limit |
| vapor pressure (Pa) | Not Measured |
| Vapor Density | Heavier than air |
| Specific Gravity | 1.25 |
| Solubility in Water | Not Measured |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |
| Auto-ignition temperature | Not Measured |
| Decomposition temperature | Not Measured |
| Viscosity (cSt) | No Established Limit Not Measured |
| VOC % | Refer to the Technical Data Sheet or label where information is available. |
| VOHAP content (gm/litre of paint) | 25.17 (as supplied) |
| VOHAP content (gm/litre of Solid Coating) | 17.09 (as supplied) |

| |
|-------------------------------------|
| 10. Stability and reactivity |
|-------------------------------------|

10.1. Reactivity

No data available

10.2. Chemical stability

This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide.

| |
|--------------------------------------|
| 11. Toxicological information |
|--------------------------------------|

Acute toxicity

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr |
|--|-----------------------------|--------------------------------|---------------------------------|-------------------------------------|
| Modified Acrylic Copolymer - (Proprietary) | No data available | No data available | No data available | No data available |
| tert-Butyl acetate - (540-88-5) | 4,100.00, Rat - Category: 5 | 2,000.00, Rabbit - Category: 4 | No data available | No data available |
| Barium sulfate - (7727-43-7) | | | | |

HLP84A_A0

| | | | | |
|---|-------------------------------|----------------------------------|-------------------|--------------------------|
| | 3,000.00, Mouse - Category: 5 | No data available | No data available | No data available |
| Titanium dioxide - (13463-67-7) | 10,000.00, Rat - Category: NA | 10,000.00, Rabbit - Category: NA | No data available | 6.82, Rat - Category: NA |
| Ethylene glycol monobutyl ether acetate - (112-07-2) | 2,400.00, Rat - Category: 5 | 1,500.00, Rabbit - Category: 4 | No data available | No data available |
| Silica, amorphous - (7631-86-9) | 5,110.00, Rat - Category: NA | 5,000.00, Rabbit - Category: 5 | No data available | No data available |
| Polyoestradiol phosphate - (28014-46-2) | No data available | No data available | No data available | No data available |
| Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate - (41556-26-7) | 2,615.00, Rat - Category: 5 | No data available | No data available | No data available |
| DECANEDIOIC ACID, METHYL 1,2,2,6,6-PENTAMETHYL-4-P - (82919-37-7) | No data available | No data available | No data available | No data available |

| Item | Category | Hazard |
|---|----------------|--------------------------------------|
| Acute Toxicity (mouth) | Not Classified | Not Applicable |
| Acute Toxicity (skin) | Not Classified | Not Applicable |
| Acute Toxicity (inhalation) | Not Classified | Not Applicable |
| Skin corrosion/irritation | Not Classified | Not Applicable |
| Eye damage/irritation | Not Classified | Not Applicable |
| Sensitization (respiratory) | Not Classified | Not Applicable |
| Sensitization (skin) | 1 | May cause an allergic skin reaction. |
| Germ toxicity | Not Classified | Not Applicable |
| Carcinogenicity | Not Classified | Not Applicable |
| Reproductive Toxicity | Not Classified | Not Applicable |
| Specific target organ systemic toxicity (single exposure) | Not Classified | Not Applicable |
| Specific target organ systemic Toxicity (repeated exposure) | Not Classified | Not Applicable |
| Aspiration hazard | Not Classified | Not Applicable |

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|--|---------------------------------|----------------------------|---|
| Modified Acrylic Copolymer - (Proprietary) | Not Available | Not Available | 0.00 (hr), |
| tert-Butyl acetate - (540-88-5) | 327.00, Pimephales promelas | Not Available | 1,300.00 (24 hr), Chlorococcales |
| Barium sulfate - (7727-43-7) | 59,000.00, Poecilia sphenops | 32.00, Daphnia magna | Not Available |
| Titanium dioxide - (13463-67-7) | 1,000.00, Fundulus heteroclitus | 5.50, Daphnia magna | 5.83 (72 hr), Pseudokirchneriella subcapitata |
| Ethylene glycol monobutyl ether acetate - (112-07-2) | Not Available | Not Available | Not Available |
| Silica, amorphous - (7631-86-9) | 10,000.00, Danio rerio | 10,000.00, Daphnia magna | 10,000.00 (72 hr), Scenedesmus subspicatus |

HLP84A_A0

| | | | |
|---|---------------------------|----------------------|---------------|
| Polyoestradiol phosphate - (28014-46-2) | Not Available | Not Available | 0.00 (hr), |
| Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate - (41556-26-7) | 1.00, Lepomis macrochirus | 20.00, Daphnia magna | Not Available |
| DECANEDIOIC ACID, METHYL 1,2,2,6,6-PENTAMETHYL-4-P - (82919-37-7) | Not Available | Not Available | Not Available |

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow spills to enter drains or watercourses.

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. Transport information

14.1. UN number Not Regulated

14.2. UN proper shipping name

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)

DOT Proper Shipping Name Not Regulated

DOT Hazard Class

UN / NA Number Not Regulated

DOT Packing Group

CERCLA/DOT RQ 2403 gal. / 24927 lbs.

IMO / IMDG (Ocean Transportation)

IMDG Proper Shipping Name

IMDG Hazard Class Not Regulated
Sub Class Not applicable

IMDG Packing Group Not Regulated

System Reference Code 0

14.4. Packing group Not Regulated

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

HLP84A_A0

WHMIS Classification B2 D2B

DOT Marine Pollutants (10%):

(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):

(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :

Benzene, ethyl- (1000 lb final RQ; 454 kg final RQ)

BUTYL ACETATE (5000 lb final RQ (listed under Butyl acetate); 2270 kg final RQ (listed under Butyl acetate))

Benzene, 1,2-dimethyl- (1000 lb final RQ; 454 kg final RQ)

tert-Butyl acetate (5000 lb final RQ (listed under Butyl acetate); 2270 kg final RQ (listed under Butyl acetate))

Benzene, 1,3-dimethyl- (1000 lb final RQ; 454 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :

Aluminum oxide

Benzene, ethyl-

Benzene, 1,2-dimethyl-

Benzene, 1,3-dimethyl-

Mass RTK Substances (>1%) :

Barium sulfate

Silica, amorphous

tert-Butyl acetate

Titanium dioxide

Penn RTK Substances (>1%) :

Barium sulfate

Silica, amorphous

tert-Butyl acetate

Titanium dioxide

Penn Special Hazardous Substances (>.01%) :

(No Product Ingredients Listed)

RCRA Status:

(No Product Ingredients Listed)

N.J. RTK Substances (>1%) :

Barium sulfate

Ethylene glycol monobutyl ether acetate

Silica, amorphous

tert-Butyl acetate

Titanium dioxide

N.J. Special Hazardous Substances (>.01%) :

Propanol, 2-methyl-

Ethyl alcohol

Benzene, ethyl-

Methanol

BUTYL ACETATE

Benzene, 1,2-dimethyl-

Phosphoric acid

Potassium oxide

Quartz

Refractory ceramic fibers

Resin acids and Rosin acids, calcium salts

tert-Butyl acetate

Benzene, 1,3-dimethyl-

N.J. Env. Hazardous Substances (>.1%) :

Aluminum oxide

Benzene, ethyl-

Benzene, 1,2-dimethyl-

Benzene, 1,3-dimethyl-

Proposition 65 - Carcinogens (>0%):

Ethyl alcohol

Benzene, ethyl-

Quartz

Refractory ceramic fibers

Titanium dioxide

Proposition 65 - Female Repro Toxins (>0%):

(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0%):

(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0%):

Ethyl alcohol

Methanol

| |
|-----------------------|
| 16. Other information |
|-----------------------|

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

This is the first revision of this SDS format, changes from previous revision not applicable.

End of Document