

(11086)

DC224E3501\_A0

Material Safety Data Sheet  
DEVTRAN 224V WHITE PART A

Sales  
Order: {SalesOrd}  
DC224E3501  
03/29/2012  
A0-3

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



1. Identification of the preparation and company

Product Identity: DEVTRAN 224V WHITE PART A  
Bulk Sales Reference No.: DC224E3501  
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

APPROVED MATERIAL  
MAY 10 2013  
MSDS # 11086  
APPROVED BY [Signature]

2. Hazard identification of the product



Warning

GHS Classification:

Item	Category	Hazard
Flammability	3	Flammable liquid and vapor
Acute Toxicity (mouth)	5	May be harmful if swallowed
Acute Toxicity (skin)	Not classified	Not applicable
Acute Toxicity (inhalation)	Not classified	Not applicable
Acute Toxicity (ingestion)	Not classified	Not applicable
Skin corrosion/irritation	Not classified	Not applicable
Eye damage/irritation	2A	Causes serious eye irritation
Sensitization (respiratory)	Not classified	Not applicable
Sensitization (skin)	Not classified	Not applicable
Germ toxicity	Not classified	Not applicable
Specific target organ systemic toxicity (single exposure)	1	respiratory system
	2	Not applicable
	3	narcotic effects, respiratory tract irritation
Specific target organ systemic Toxicity (repeated exposure)	1	auditory apparatus, central nerve system, kidneys, lung, respiratory system
	2	Not applicable
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	Not classified	Not applicable
Harmfulness to aquatic Environment (long term effect)	Not classified	Not applicable

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Carcinogenicity	Not classified	Not applicable
Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

Safety Phrases:

- S20: When using do not eat or drink.
- S23: Do not breathe vapor/spray.
- S24/25: Avoid contact with skin and eyes.
- S28: After contact with skin, wash immediately with plenty of soap and water.
- S39: Wear eye/face protection.
- S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- S51: Use only in well-ventilated areas.

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	Risk of serious damage to eyes. Do not get in 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 condition 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	Causes skin irritation. 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.			
HMIS Rating	Health: 3	Flammability: 3	Reactivity: 0	PPE: X

3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Butanol	0000071-36-3	1.0 - 10
Benzene, ethyl-	0000100-41-4	0.10 - 1.0
BUTYL ACETATE	0000540-88-5	10 - 25
Silica, amorphous	0007631-86-9	1.0 - 10
Titanium dioxide	0013463-67-7	10 - 25
Wollastonite (Ca(SiO3))	0013983-17-0	1.0 - 10
Talc	0014807-96-6	1.0 - 10
Quartz	0014808-60-7	10 - 25
Aluminum hydroxide	0021645-51-2	1.0 - 10
Reaction of epichlorohydrin and bisphenol A	0025085-99-8	25 - 50

This product contains 13.48 percent Quartz.

4. 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.

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**Skin** In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.

**Ingestion** 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.

5. Fire-fighting measures

**Flash Point** F: 85  
C: 29

**Lower Explosive Limit (LEL)** 1 (%vol in air) at Normal Atmospheric Temp and Pressure  
**ERG Guide No.** 128

6. Accidental release measures

**Spill Response 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.

**Public Safety** CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 50 meters (150 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).

**ERG Guide No.** 128

7. Handling and storage

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

**Handling and Storage Precautions** Keep away from heat, sparks and flame. 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. Vapors may cause flash fire or ignite explosively. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Do not get in eyes, on skin or clothing. Close container after each use. Wash thoroughly after handling.

8. Exposure controls and personal protection

Exposure			
CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling
		ACGIH	20 ppm TWA
		NIOSH	50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	20 ppm TWA
		Mexico	No Established Limit
		Brazil	No Established Limit
0000100-41-4	Benzene, ethyl-	OSHA	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
		ACGIH	100 ppm TWA125 ppm STEL
		NIOSH	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL)
		Supplier	No Established Limit

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		OHSA, CAN	100 ppm TWA 125 ppm STEL
		Mexico	100 ppm TWA; 435 mg/m <sup>3</sup> TWA 125 ppm STEL; 545 mg/m <sup>3</sup> STEL
		Brazil	78 ppm TWA; 340 mg/m <sup>3</sup> TWA
0000540-88-5	BUTYL ACETATE	OSHA	200 ppm TWA; 950 mg/m <sup>3</sup> TWA
		ACGIH	200 ppm TWA
		NIOSH	200 ppm TWA; 950 mg/m <sup>3</sup> TWA 1500 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	200 ppm TWA
		Mexico	200 ppm TWA; 950 mg/m <sup>3</sup> TWA 250 ppm STEL; 1190 mg/m <sup>3</sup> STEL
		Brazil	No Established Limit
0007631-86-9	Silica, amorphous	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	6 mg/m <sup>3</sup> TWA 3000 mg/m <sup>3</sup> IDLH
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0013463-67-7	Titanium dioxide	OSHA	15 mg/m <sup>3</sup> TWA (total dust)
		ACGIH	10 mg/m <sup>3</sup> TWA
		NIOSH	5000 mg/m <sup>3</sup> IDLH
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m <sup>3</sup> TWA (total dust)
		Mexico	10 mg/m <sup>3</sup> TWA (as Ti) 20 mg/m <sup>3</sup> STEL (as Ti)
		Brazil	No Established Limit
0013983-17-0	Wollastonite (Ca(SiO <sub>3</sub> ))	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0014807-96-6	Talc	OSHA	No Established Limit
		ACGIH	2 mg/m <sup>3</sup> TWA (particulate matter containing no asbestos and
		NIOSH	2 mg/m <sup>3</sup> TWA (containing no Asbestos and
		Supplier	No Established Limit
		OHSA, CAN	2 mg/m <sup>3</sup> TWA (containing no Asbestos and
		Mexico	2 mg/m <sup>3</sup> TWA (respirable fraction)
		Brazil	No Established Limit
0014808-60-7	Quartz	OSHA	No Established Limit
		ACGIH	0.025 mg/m <sup>3</sup> TWA (respirable fraction)
		NIOSH	0.05 mg/m <sup>3</sup> TWA (respirable dust) 50 mg/m <sup>3</sup> IDLH (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	0.10 mg/m <sup>3</sup> TWA (designated substance regulation, respirable) 0.10 mg/m <sup>3</sup> TWA (respirable fraction)
		Mexico	0.1 mg/m <sup>3</sup> TWA (respirable fraction)
		Brazil	No Established Limit
0021645-51-2	Aluminum hydroxide	OSHA	No Established Limit
		ACGIH	No Established Limit

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		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0025085-99-8	Reaction of epichlorohydrin and bisphenol A	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit

Health Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	NIOSH	Eye and mucous membrane irritation CNS depression
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0000540-88-5	BUTYL ACETATE	NIOSH	Eye and throat irritation CNS depression
0007631-86-9	Silica, amorphous	NIOSH	No Established Limit
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
0013983-17-0	Wollastonite (Ca(SiO3))	NIOSH	No Established Limit
0014807-96-6	Talc	NIOSH	(containing asbestos); Fibrotic pneumoconiosis; (containing no asbestos); Nonmalignant respiratory effects
0014808-60-7	Quartz	NIOSH	Chronic lung disease (silicosis)
0021645-51-2	Aluminum hydroxide	NIOSH	No Established Limit
0025085-99-8	Reaction of epichlorohydrin and bisphenol A	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	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;
0000100-41-4	Benzene, ethyl-	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;
0000540-88-5	BUTYL 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;
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;
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;
0013983-17-0	Wollastonite (Ca(SiO3))	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;

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0014807-96-6	Talc	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;
0014808-60-7	Quartz	OSHA	Select Carcinogen: Yes
		NTP	Known: Yes; Suspected: No
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0021645-51-2	Aluminum hydroxide	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;
0025085-99-8	Reaction of epichlorohydrin and bisphenol A	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;

**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** Do not get in 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 condition 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. 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** Prevent build-up of vapors by opening all windows and doors to achieve cross-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

Physical State	Liquid Coloured
pH	No Established Limit
Specific Gravity	1.57
Boiling Point F	208
Vapor Density	Heavier than air
VOC %	Refer to the Technical Data Sheet or label where information is available.
Evaporation Rate	Slower than ether

10. Stability and reactivity

**General** 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.  
 Incompatible Materials Strong oxidizing agents.  
 Hazardous May produce hazardous fumes when heated to decomposition as in welding. Fumes  
 Decomposition may produce Carbon Dioxide and Carbon Monoxide.

11. Toxicological information

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr
Butanol - (0000071-36-3)	790.00, Rat - Category: 4	3,400.00, Rabbit - Category: 5	17.70, Rat - Category: 4
Benzene, ethyl- - (0000100-41-4)	3,500.00, Rat - Category: 5	15,354.00, Rabbit - Category: NA	17.20, Rat - Category: 4
BUTYL ACETATE - (0000540-88-5)	4,100.00, Rat - Category: 5	2,000.00, Rabbit - Category: 4	-----
Silica, amorphous - (0007631-86-9)	5,000.00, Rat - Category: 5	2,000.00, Rabbit - Category: 4	-----
Titanium dioxide - (0013463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	6,082.00, Rat - Category: NA
Wollastonite (Ca(SiO3)) - (0013983-17-0)	-----	-----	-----
Talc - (0014807-96-6)	-----	-----	-----
Quartz - (0014808-60-7)	500.00, Rat - Category: 4	-----	-----
Aluminum hydroxide - (0021645-51-2)	5,000.00, Rat - Category: 5	-----	-----
Reaction of epichlorohydrin and bisphenol A - (0025085-99-8)	-----	-----	-----

General 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. No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

12. Ecological information

No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

13. Disposal considerations

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

14. Transport information

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper Shipping Name	PAINT	IMDG Proper Shipping Name	PAINT
DOT Hazard Class	3	IMDG Hazard Class	3 - Flammable and Combustible liquid
UN / NA Number	UN 1263	UN / NA Number	UN 1263
DOT Packing Group	III	IMDG Packing Group	III
CERCLA/DOT RQ	2156 gal. / 28159 lbs.	System Reference Code	2

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.

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)  
 Butanol (5000 lb final RQ; 2270 kg final RQ)  
 Benzene, 1,2-dimethyl- (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, 1,4-dimethyl- (100 lb final RQ; 45.4 kg final RQ)  
 Xylenes (o-, m-, p- isomers) (100 lb final RQ; 45.4 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :

Benzene, ethyl-  
 Butanol  
 Benzene, 1,2-dimethyl-  
 Benzene, 1,4-dimethyl-  
 Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%) :

Butanol  
 Quartz  
 Silica, amorphous  
 Talc  
 BUTYL ACETATE  
 Titanium dioxide

Mass Extraordinarily Haz Sub (>.01%) :

Quartz

Penn RTK Substances (>1%) :

Butanol  
 Quartz  
 Silica, amorphous  
 Talc  
 BUTYL ACETATE  
 Titanium dioxide

Penn Special Hazardous Substances (>.01%) :

(No Product Ingredients Listed)

Rhode Island Hazardous Substances (>.1%) :

2-Butoxyethanol  
 Benzene, ethyl-  
 Butanol  
 Quartz  
 Talc  
 BUTYL ACETATE  
 Titanium dioxide  
 Xylenes (o-, m-, p- isomers)

RCRA Status:

(No Product Ingredients Listed)

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

Butanol  
 Quartz  
 Talc  
 BUTYL ACETATE  
 Titanium dioxide

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



2-Butoxyethanol  
BUTYL ALCOHOL  
Benzene, ethyl-  
Isobutyl alcohol  
Butanol  
Benzene, 1,2-dimethyl-  
Quartz  
BUTYL ACETATE  
Benzene, 1,4-dimethyl-  
Xylenes (o-, m-, p- isomers)

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

Benzene, ethyl-  
Butanol  
Benzene, 1,2-dimethyl-  
Benzene, 1,4-dimethyl-  
Xylenes (o-, m-, p- isomers)

Proposition 65 – Carcinogens (>0%):

Benzene, ethyl-  
Quartz

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%):

(No Product Ingredients Listed)

Risk Phrases:

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R36: Irritating to eyes.

16. Other information
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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.