

NDA445_A0

Material Safety Data Sheet DEVMAT 101 GREEN PART B



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

Sales
Order: {SalesOrd}
NDA445
05/06/2013
A0-3

1. Identification of the preparation and company
--

Product Identity	DEVMAT 101 GREEN PART B
Bulk Sales Reference No.	NDA445
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



Danger

GHS Classification;

Item	Category	Hazard
Flammability	Not classified	Not applicable
Acute Toxicity (mouth)	4	Harmful if swallowed
Acute Toxicity (skin)	4	Harmful in contact with skin
Acute Toxicity (inhalation)	Not classified	Not applicable
Acute Toxicity (ingestion)	Not classified	Not applicable
Skin corrosion/irritation	1A	Causes severe skin burns and eye damage
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	Not applicable
	2	Not applicable
	3	narcotic effects, respiratory tract irritation
Specific target organ systemic Toxicity (repeated exposure)	1	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

NDA445_A0

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

Safety Phrases:

- S1: Keep locked up.
- S9: Keep container in a well-ventilated place.
- S23: Do not breathe vapor/spray.
- S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S27: Take off immediately all contaminated clothing.
- S28: After contact with skin, wash immediately with plenty of soap and water.
- S36/37: Wear suitable protective clothing and gloves.
- S39: Wear eye/face protection.
- S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- S49: Keep only in the original container.
- S51: Use only in well-ventilated areas.
- S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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 eye burns. 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 burns. May cause delayed skin irritation. May be fatal 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: 1 Reactivity: 1 PPE: X

3. Composition/information on ingredients

Ingredient	CAS No.	Percent
2,4,6-Tri(dimethylaminomethyl)phenol	0000090-72-2	1.0 - 10
Furfuryl alcohol	0000098-00-0	25 - 50
Barium sulfate	0007727-43-7	10 - 25
Wollastonite (Ca(SiO ₃))	0013983-17-0	1.0 - 10
Talc	0014807-96-6	1.0 - 10
Quartz	0014808-60-7	0.10 - 1.0
MIXTURE OF CYCLOALIPHATIC AMINES AND ORGANIC ACID	Proprietary	25 - 50

This product contains 0.13 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.
---------	--

NDA445_A0

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	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: 203 C: 95
Lower Explosive Limit (LEL)	No Established Limit (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No.	Not Determined

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 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).
ERG Guide No.	Not Determined

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
0000090-72-2	2,4,6-Tri(dimethylaminomethyl)phenol	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
0000098-00-0	Furfuryl alcohol	OSHA	50 ppm TWA; 200 mg/m3 TWA15 ppm STEL; 60 mg/m3 STEL
		ACGIH	10 ppm TWA15 ppm STEL

NDA445_A0

		NIOSH	10 ppm TWA; 40 mg/m ³ TWA15 ppm STEL; 60 mg/m ³ STEL75 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	10 ppm TWA15 ppm STEL
		Mexico	10 ppm TWA; 40 mg/m ³ TWA15 ppm STEL; 60 mg/m ³ STEL
		Brazil	4 ppm TWA; 15.5 mg/m ³ TWA
0007727-43-7	Barium sulfate	OSHA	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
		ACGIH	10 mg/m ³ TWA
		NIOSH	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m ³ TWA (total dust)
		Mexico	No Established Limit
		Brazil	No Established Limit
0013983-17-0	Wollastonite (Ca(SiO ₃))	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 ³ TWA (particulate matter containing no asbestos and
		NIOSH	2 mg/m ³ TWA (containing no Asbestos and
		Supplier	No Established Limit
		OHSA, CAN	2 mg/m ³ TWA (containing no Asbestos and
		Mexico	2 mg/m ³ TWA (respirable fraction)
		Brazil	No Established Limit
0014808-60-7	Quartz	OSHA	No Established Limit
		ACGIH	0.025 mg/m ³ TWA (respirable fraction)
		NIOSH	0.05 mg/m ³ TWA (respirable dust)50 mg/m ³ IDLH (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	0.10 mg/m ³ TWA (designated substance regulation, respirable)0.10 mg/m ³ TWA (respirable fraction)
		Mexico	0.1 mg/m ³ TWA (respirable fraction)
		Brazil	No Established Limit
Proprietary	MIXTURE OF CYCLOALIPHATIC AMINES AND ORGANIC ACID	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
0000090-72-2	2,4,6-Tri(dimethylaminomethyl)phenol	NIOSH	No Established Limit
0000098-00-0	Furfuryl alcohol	NIOSH	Respiratory effects
0007727-43-7	Barium sulfate	NIOSH	Eye nose

NDA445_A0

0013983-17-0	Wollastonite (Ca(SiO ₃))	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)
Proprietary	MIXTURE OF CYCLOALIPHATIC AMINES AND ORGANIC ACID	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000090-72-2	2,4,6-Tri(dimethylaminomethyl)phenol	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;
0000098-00-0	Furfuryl alcohol	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;
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;
0013983-17-0	Wollastonite (Ca(SiO ₃))	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;
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;
Proprietary	MIXTURE OF CYCLOALIPHATIC AMINES AND ORGANIC ACID	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

NDA445_A0

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	10
Specific Gravity	1.38
Boiling Point F	324
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 Decomposition** May produce hazardous fumes when heated to decomposition as in welding. Fumes 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
2,4,6-Tri(dimethylaminomethyl)phenol – (0000090–72–2)	1,000.00, Rat – Category: 4	1,280.00, Rat – Category: 4	-----
Furfuryl alcohol – (0000098–00–0)	177.00, Rat – Category: 3	400.00, Rabbit – Category: 3	-----
Barium sulfate – (0007727–43–7)	-----	-----	-----
Wollastonite (Ca(SiO ₃)) – (0013983–17–0)	-----	-----	-----
Talc – (0014807–96–6)	-----	-----	-----
Quartz – (0014808–60–7)	500.00, Rat – Category: 4	-----	-----
MIXTURE OF CYCLOALIPHATIC AMINES AND ORGANIC ACID – (Proprietary)	-----	-----	-----

- 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

NDA445_A0

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper	CORROSIVE LIQUIDS, TOXIC,	IMDG Proper	CORROSIVE LIQUIDS, TOXIC,
Shipping Name	N.O.S. (CYCLOALIPHATIC AMINE/FURFURYLALCOHOL)	Shipping Name	N.O.S. (CYCLOALIPHATIC AMINE/FURFURYLALCOHOL)
DOT Hazard Class	8 (6.1)	IMDG Hazard Class	8 (6.1)
UN / NA Number	UN 2922	UN / NA Number	UN 2922
DOT Packing Group	III	IMDG Packing Group	III
CERCLA/DOT RQ	Not Applicable gal. / Not Applicable lbs.	System Reference Code	798

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 D2B:E

DOT Marine Pollutants (10%):
(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):
(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%):
(No Product Ingredients Listed)

EPCRA 302 Extremely Hazardous (>.1%):
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%):
(No Product Ingredients Listed)

Mass RTK Substances (>1%):

- Barium sulfate
- Furfuryl alcohol
- Talc

Mass Extraordinarily Haz Sub (>.01%):

- Quartz

Penn RTK Substances (>1%):

- Barium sulfate
- Furfuryl alcohol
- Talc

Penn Special Hazardous Substances (>.01%):
(No Product Ingredients Listed)

Rhode Island Hazardous Substances (>.1%):

- Furfuryl alcohol
- Kaolin
- Quartz
- Talc

RCRA Status:
(No Product Ingredients Listed)

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

- Barium sulfate
- Furfuryl alcohol
- Talc

N.J. Special Hazardous Substances (>.01%):
(No Product Ingredients Listed)

- Carbon black
- Quartz

N.J. Env. Hazardous Substances (>.1%):
(No Product Ingredients Listed)

Proposition 65 – Carcinogens (>0%):

Carbon black

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:

R23/24: Toxic by inhalation and in contact with skin.

R34: Causes burns.

R36/38: Irritating to eyes and skin.

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.