

# NVA266\_A0

## Material Safety Data Sheet ENVIROLINE 290 WHITE PATCH KIT PT A

Sales  
Order: {SalesOrd}  
NVA266  
12/31/2009  
A0-2

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



### 1. Identification of the preparation and company

Product Identity	ENVIROLINE 290 WHITE PATCH KIT PT A
Bulk Sales Reference No.	NVA266
Company Name	International Paint LLC 6001 Antoine Drive Houston Texas 77091
Emergency	
CHEMTREC (USA)	(800) 424-9300
International Paint	(713) 527-3887
Poison Control Center	(800) 854-6813
Customer Service	
International Paint	(800) 589-1267
Fax No.	(800) 631-7481

### 2. Hazard identification of the product



Warning

#### GHS Classification:

Item	Category	Hazard
Flammability	4	Combustible liquid
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	Not classified	Not applicable
Sensitization (respiratory)	Not classified	Not applicable
Sensitization (skin)	1	May cause allergic reaction.
Germ toxicity	Not classified	Not applicable
Specific target organ systemic toxicity (single exposure)	1	central nerve system, kidneys, liver, respiratory system
	2	Not applicable
	3	respiratory tract irritation
Specific target organ systemic Toxicity (repeated exposure)	1	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: Avoid contact with skin.

S28: After contact with skin, wash immediately with plenty of soap and water.

S37: Wear suitable gloves.

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	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.
HMIS Rating	Health: 3*      Flammability: 2      Reactivity: 1

### 3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Benzene, ethyl-	000100-41-4	0.10 - 1.0
Xylenes (o-, m-, p- isomers)	001330-20-7	1.0 - 10
OXIRANE, 2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS	002425-79-8	1.0 - 10
Titanium dioxide	013463-67-7	1.0 - 10
Quartz	014808-60-7	10 - 25
OXIRANE, 2,2'-4-BUTYLIDENEBISPHENYLENEOXYMETHYLENE	025085-99-8	25 - 50
PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER	028064-14-4	10 - 25

This product contains 20.30 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.
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

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medical personnel. Never give anything by mouth to an unconscious person.

<b>5. Fire-fighting measures</b>
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Flash Point	F: 150 C: 66
Lower Explosive Limit (LEL)	1 (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No.	159

<b>6. Accidental release measures</b>
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Spill Response Procedures	ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). 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. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. LARGE SPILLS: Dike far ahead of liquid spill to contain released material and runoff from fire control.
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.
ERG Guide No.	159

<b>7. Handling and storage</b>
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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. Avoid contact with eyes, skin and clothing. Close container after each use. Wash thoroughly after handling.

<b>8. Exposure controls and personal protection</b>
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Exposure			
CAS No.	Ingredient	Source	Value
000100-41-4	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
		OHSA, CAN	100 ppm TWAEV; 435 mg/m3 TWAEV125 ppm STEV; 540 mg/m3 STEV
		Mexico	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
		Brazil	78 ppm TWA; 340 mg/m3 TWA
001330-20-7	Xylenes (o-, m-, p- isomers)	OSHA	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
		ACGIH	

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			100 ppm TWA150 ppm STEL
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	100 ppm TWAEV; 435 mg/m3 TWAEV150 ppm STEV; 650 mg/m3 STEV
		Mexico	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
		Brazil	78 ppm TWA; 340 mg/m3 TWA
002425-79-8	OXIRANE, 2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS	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
013463-67-7	Titanium dioxide	OSHA	15 mg/m3 TWA (total dust)
		ACGIH	10 mg/m3 TWA
		NIOSH	5000 mg/m3 IDLH
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWAEV (total dust)
		Mexico	10 mg/m3 TWA (as Ti)20 mg/m3 STEL (as Ti)
		Brazil	No Established Limit
014808-60-7	Quartz	OSHA	No Established Limit
		ACGIH	0.025 mg/m3 TWA (respirable fraction)
		NIOSH	0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	0.10 mg/m3 TWAEV (designated substance regulation)0.10 mg/m3 TWAEV
		Mexico	0.1 mg/m3 TWA
		Brazil	No Established Limit
025085-99-8	OXIRANE, 2,2'-4-BUTYLIDENEBISPHENYLENEOXYMETHYLENE	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
028064-14-4	PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER	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

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Health Data

CAS No.	Ingredient	Source	Value
000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
001330-20-7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant; respiratory and eye irritation
002425-79-8	OXIRANE, 2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS	NIOSH	No Established Limit
013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
014808-60-7	Quartz	NIOSH	Chronic lung disease (silicosis)
025085-99-8	OXIRANE, 2,2'-4-BUTYLIDENEBISPHENYLENEOXYMETHYLENE	NIOSH	No Established Limit
028064-14-4	PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
000100-41-4	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;
001330-20-7	Xylenes (o-, m-, p- isomers)	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;
002425-79-8	OXIRANE, 2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS	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;
013463-67-7	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;
014808-60-7	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;
025085-99-8	OXIRANE, 2,2'-4-BUTYLIDENEBISPHENYLENEOXYMETHYLENE	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;
028064-14-4	PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER	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

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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	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	1.39
Boiling Point F	279
Vapor Density	Heavier than air
VOC %	Refer to the Technical Data Sheet for this product
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
Benzene, ethyl- (000100-41-4)	3,500.00, Rat – Category: 5	15,354.00, Rabbit – Category: NA	17.20, Rat – Category: 4
Xylenes (o-, m-, p- isomers) (001330-20-7)	4,300.00, Rat – Category: 5	1,700.00, Rabbit – Category: 4	29.08, rat – Category: NA
OXIRANE, 2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS – (002425-79-8)	1,134.00, Rat – Category: 4	1,130.00, Rabbit – Category: 4	-----
Titanium dioxide (013463-67-7)	10,000.00, Rat – Category: NA	10,000.00, Rabbit – Category: NA	6,082.00, Rat – Category: NA
Quartz (014808-60-7)	500.00, Rat – Category: 4	-----	-----
OXIRANE, 2,2'-4-BUTYLIDENEBISPHENYLENEOXYMETHYLENE – (025085-99-8)	-----	-----	-----
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PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER – (028064–14–4)			
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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
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No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

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

14. Transport information
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DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper Shipping Name	PAINT OR PAINT RELATED MATERIAL, NMFC 149980	IMDG Proper Shipping Name	PAINT OR PAINT RELATED MATERIAL, NMFC 149980
DOT Hazard Class	NR	IMDG Hazard Class	Not Regulated
UN / NA Number	Not Regulated	UN / NA Number	Not Regulated
DOT Packing Group	Not Regulated	IMDG Packing Group	Not Regulated
CERCLA/DOT RQ	787 gal. / 9124 lbs.	System Reference Code	9

15. Regulatory information
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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 No Established Limit

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)  
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%) :  
Aluminum oxide  
Benzene, ethyl-  
Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%) :  
Quartz  
Titanium dioxide  
Xylenes (o-, m-, p- isomers)

Mass Extraordinarily Haz Sub (>.01%) :  
Quartz

Penn RTK Substances (>1%) :  
Quartz  
Titanium dioxide  
Xylenes (o-, m-, p- isomers)

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

Rhode Island Hazardous Substances (>.1%) :

- Aluminum oxide
- Benzene, ethyl-
- Quartz
- Titanium dioxide
- Xylenes (o-, m-, p- isomers)

RCRA Status:  
(No Product Ingredients Listed)

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

- Quartz
- Titanium dioxide
- Xylenes (o-, m-, p- isomers)

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

- Benzene, ethyl-
- Xylenes (o-, m-, p- isomers)

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

- Aluminum oxide
- Benzene, ethyl-
- 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.

R43: May cause sensitisation by skin contact.

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.