NVA367_A1

Material Safety Data Sheet ENVIROLINE 375UHS GREEN PART A

Sales

Order: {SalesOrd}

Bulk Sales Reference No.: NVA367
MSDS Revision Date: 12/09/2011
MSDS Revision Number: A1-3



1. Identification of the preparation and company

Product Identity ENVIROLINE 375UHS GREEN PART A

Bulk Sales Reference No. NVA367

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;

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Item	Category	Hazard
Flammability	3	Flammable liquid and vapor
Acute Toxicity (mouth)	4	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	2	Causes skin irritation
Eye damage/irritation	2A	Causes serious eye irritation
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	central nerve system
	3	Not applicable
Specific target organ systemic Toxicity (repeated exposure)	1	central nerve system, kidneys, respiratory system
	2	Not applicable
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	3	Harmful to aquatic life.
Harmfulness to aquatic Environment (long term effect)	4	May cause harm to aquatic life with long lasting effects

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

Safety Phrases:

S1: Keep locked up.

S20: When using do not eat or drink.

S23: Do not breathe vapor/spray.

S24: Avoid contact with skin.

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.

S37: Wear suitable 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).

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

NOTICE: Reports have associated repeated and prolonged occupational Overview 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 thouroughly cleaned, or discarded after each use. Causes skin irritation. May cause delayed skin irritation. May cause allergic skin 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

HMIS Rating Health: 3* Flammability: 3 Reactivity: 1 PPE: X

depends on duration and level of exposure.

3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Benzene, ethyl-	0000100-41-4	1.0 – 10
Xylenes (o-, m-, p- isomers)	0001330-20-7	1.0 – 10
OXIRANE,	0002425-79-8	1.0 – 10
2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS		
Wollastonite (Ca(SiO3))	0013983-17-0	10 – 25
Quartz	0014808-60-7	25 – 50
Reaction product of epichlorohydrin & bisphenol A	0025085-99-8	25 – 50
PHENOL, POLYMER WITH FORMALDEHYDE,	0028064-14-4	10 – 25
GLYCIDYL ETHER		

This product contains 25.86 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.

In case of contact, immediately flush eyes with plenty of water for at least Eyes

15 minutes. Get medical attention immediately.

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

medical attention immediately.

If swallowed, immediately contact Poison Control Center at Ingestion

> 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: 80 C: 27

Lower Explosive Limit (LEL) ERG Guide No.

1 (%vol in air) at Normal Atmospheric Temp and Pressure

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 Handling and Storage Precautions

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

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
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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NVA367_A1

		OHSA, CAN	100 ppm TWA125 ppm STEL
		Mexico	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
		Brazil	78 ppm TWA; 340 mg/m3 TWA
0001330–20–7	Xylenes (o-, m-, p- isomers)	OSHA	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
		ACGIH	100 ppm TWA150 ppm STEL
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	100 ppm TWA150 ppm STEL
		Mexico	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
		Brazil	78 ppm TWA; 340 mg/m3 TWA
0002425-79-8		OSHA	No Established Limit
	2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS	ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA,	No Established Limit
		CAN	
		Mexico	No Established Limit
		Brazil	No Established Limit
0013983-17-0	Wollastonite (Ca(SiO3))	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
0014808-60-7	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,	0.10 mg/m3 TWA (designated
		CAN	substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)
		Mexico	0.1 mg/m3 TWA (respirable fraction)
		Brazil	No Established Limit
0025085-99-8	Reaction product of epichlorohydrin & 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
0028064-14-4	PHENOL, POLYMER WITH FORMALDEHYDE,	OSHA	No Established Limit
	GLYCIDYL ETHER	ACGIH	No Established Limit

NVA367_A1

N	NIOSH	No Established Limit
Si	Supplier	No Established Limit
-	OHSA, CAN	No Established Limit
М	/lexico	No Established Limit
Ві	Brazil	No Established Limit

Health Data

CAS No.	Ingredient	Source	Value
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0001330–20–7	Xylenes (o-, m-, p- isomers)		Central nervous system depressant; respiratory and eye irritation
0002425-79-8	OXIRANE, 2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS	NIOSH	No Established Limit
0013983-17-0	Wollastonite (Ca(SiO3))	NIOSH	No Established Limit
0014808–60–7	Quartz	NIOSH	Chronic lung disease (silicosis)
0025085-99-8	Reaction product of epichlorohydrin & bisphenol A	NIOSH	No Established Limit
	PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
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;
0001330-20-7	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;
0002425-79-8	*	OSHA	Select Carcinogen: No
	2,2'-[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]BIS	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(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;
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;
0025085-99-8	Reaction product of epichlorohydrin & 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;
	PHENOL, POLYMER WITH FORMALDEHYDE,	OSHA	Select Carcinogen: No
	GLYCIDYL ETHER	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 thouroughly 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 1.43 Boiling Point F 210

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 hazardou

Decompostion

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 (0000100-41-4)	3,500.00, Rat – Category: 5	15,354.00, Rabbit - Category: NA	17.20, Rat – Category: 4
Xylenes (o-, m-, p- isomers) - (0001330-20-7)	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 - (0002425-79-8)	1,134.00, Rat – Category: 4	1,130.00, Rabbit - Category: 4	
Wollastonite (Ca(SiO3)) - (0013983-17-0)			

Quartz - (0014808-60-7)	500.00, Rat – Category: 4	
Reaction product of epichlorohydrin & bisphenol A – (0025085–99–8)		
PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER – (0028064–14–4)		

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

Not Defined

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 PAINT IMDG Proper Shipping PAINT

Name Name

anie

DOT Hazard Class 3 IMDG Hazard Class 3 – Flammable and Combustible liquid

Combustib

UN / NA Number UN 1263 UN / NA Number UN 1263 DOT Packing Group III IMDG Packing Group III

CERCLA/DOT RQ 154 gal. / 1841 lbs. System Reference 2

Code

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 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%):

Benzene, ethyl-

Quartz

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

Mass Extraordinarily Haz Sub (>.01%):

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Quartz
Penn RTK Substances (>1%):
             Benzene, ethyl-
             Quartz
             Xylenes (o-, m-, p- isomers)
Penn Special Hazardous Substances (>.01%):
      (No Product Ingredients Listed)
Rhode Island Hazardous Substances (>.1%):
             Aluminum oxide
             Benzene, ethyl-
             Quartz
             Xylenes (o-, m-, p- isomers)
RCRA Status:
      (No Product Ingredients Listed)
N.J. RTK Substances (>1%):
             Benzene, ethyl-
             Quartz
             Xylenes (o-, m-, p- isomers)
N.J. Special Hazardous Substances (>.01%):
             Benzene, ethyl-
             Isobutyl alcohol
             Quartz
             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%):
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Risk Phrases:

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

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

(No Product Ingredients Listed)

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.