

NVA244_A3

Safety Data Sheet ENVIROLINE 2405 PART B



Bulk Sales Reference No.: NVA244
SDS Revision Date: 01/16/2019
SDS Revision Number: A3-7

1. Identification of the preparation and company

1.1. Product identifier

Product Identity ENVIROLINE 2405 PART B
Bulk Sales Reference No. NVA244

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended Use See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name International Paint LLC
Manufacturer:
Akzo Nobel Coatings
International Paint
6001 Antoine Drive
Houston, Texas 77091

Emergency
CHEMTREC (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

Acute Tox. 4;H302 Harmful if swallowed.
Acute Tox. 5;H313 May be harmful in contact with skin.
Acute Tox. 4;H332 Harmful if inhaled.
Skin Corr. 1;H314 Causes severe skin burns and eye damage.
Eye Dam. 1;H318 Causes serious eye damage.
Skin Sens. 1;H317 May cause an allergic skin reaction.
Carc. 1A;H350 May cause cancer.
Aquatic Acute 3;H402 Harmful to aquatic life.

2.2. Label elements

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



Danger.

H302 Harmful if swallowed.

H313 May be harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H350 May cause cancer.

H402 Harmful to aquatic life.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe mist / vapors / spray.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

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+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

P304+312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P308+313 IF exposed or concerned: Get medical advice/attention.

P310 Immediately call a POISON CENTER or doctor / physician.

P312 Call a POISON CENTER or doctor / physician if you feel unwell.

P333 If skin irritation or a rash occurs:.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating

Health: 3

Flammability: 1

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
Magnesium silicate talc CAS Number: 0014807-96-6	25 - 50	Not Classified	[1][2]
4,4'-Diaminodicyclohexylmethane CAS Number: 0001761-71-3	10 - 25	Acute Tox. 4;H302 Skin Corr. 1;H314 Skin Sens. 1;H317 Acute Tox. 1;H330 Aquatic Chronic 3;H412	[1]
Formaldehyde, polymer with benzenamine, hydrogenated CAS Number: 0135108-88-2	10 - 25	Acute Tox. 4;H302 Skin Corr. 1;H314	[1]
MICA CAS Number: 0012001-26-2	10 - 25	Not Classified	[1][2]
,"1-Propanamin,3-(trietoksisilil)-","ID" CAS Number: 0000919-30-2	1.0 - 10	Acute Tox. 4;H302 Skin Corr. 1B;H314 Skin Sens. 1;H317	[1]
Cardenol CAS Number: 0008007-24-7	1.0 - 10	Not Classified	[1]
Titanium dioxide (Non-respirable) CAS Number: 0013463-67-7	1.0 - 10	Not Classified	[1][2]

[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	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 be harmful if absorbed through the skin.
Ingestion	Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness.

5. Fire-fighting measures

5.1. Extinguishing media

SMALL FIRES: Use dry chemical, CO₂, water spray or foam. LARGE FIRES: Use dry chemical, CO₂, water spray, or alcohol-resistant foam. 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

No data available

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. 153

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). 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. DO NOT GET WATER INSIDE CONTAINERS.

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

NVA244_A3

Handling

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.

In Storage

Keep away from heat, sparks and flame.

7.2. Conditions for safe storage, including any incompatibilities

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
0000919-30-2	,"1-Propanamin,3-(trietoksisilil)-","ID"	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
0001761-71-3	4,4'-Diaminodiclohexylmethane	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
0008007-24-7	Cardenol	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
0012001-26-2	MICA	OSHA	No Established Limit
		ACGIH	3 mg/m3 TWA (respirable particulate matter)
		NIOSH	3 mg/m3 TWA (containing
		Supplier	No Established Limit
		OHSA, CAN	3 mg/m3 TWA (respirable)
		Mexico	3 mg/m3 TWA VLE-PPT (respirable fraction)
		Brazil	No Established Limit

NVA244_A3

0013463-67-7	Titanium dioxide (Non-respirable)	OSHA	15 mg/m3 TWA (total dust)
		ACGIH	10 mg/m3 TWA
		NIOSH	2.4 mg/m3 TWA (CIB 63, fine); 0.3 mg/m3 TWA (CIB 63, ultrafine, including engineered nanoscale)5000 mg/m3 IDLH
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWA
		Mexico	10 mg/m3 TWA VLE-PPT
		Brazil	No Established Limit
0014807-96-6	Magnesium silicate talc	OSHA	No Established Limit
		ACGIH	2 mg/m3 TWA (particulate matter containing no asbestos and
		NIOSH	2 mg/m3 TWA (containing no Asbestos and
		Supplier	No Established Limit
		OHSA, CAN	2 mg/m3 TWA (containing no Asbestos and
		Mexico	2 mg/m3 TWA VLE-PPT (particulate matter containing no asbestos and
		Brazil	No Established Limit
0135108-88-2	Formaldehyde, polymer with benzenamine, hydrogenated	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
0000919-30-2	,"1-Propanamin,3-(trietoksisilil)-","ID"	NIOSH	No Established Limit
0001761-71-3	4,4'-Diaminodicyclohexylmethane	NIOSH	No Established Limit
0008007-24-7	Cardenol	NIOSH	No Established Limit
0012001-26-2	MICA	NIOSH	respirable dust; Fibrotic pneumoconiosis
0013463-67-7	Titanium dioxide (Non-respirable)	NIOSH	Lung tumors in animals
0014807-96-6	Magnesium silicate talc	NIOSH	(containing asbestos); Fibrotic pneumoconiosis; (containing no asbestos); Nonmalignant respiratory effects
0135108-88-2	Formaldehyde, polymer with benzenamine, hydrogenated	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000919-30-2	,"1-Propanamin,3-(trietoksisilil)-","ID"	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;
0001761-71-3	4,4'-Diaminodicyclohexylmethane	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;
0008007-24-7	Cardenol	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;
0012001-26-2	MICA	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	

NVA244_A3

			Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0013463-67-7	Titanium dioxide (Non-respirable)	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;
0014807-96-6	Magnesium silicate 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;
0135108-88-2	Formaldehyde, polymer with benzenamine, hydrogenated	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. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
Skin	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products. When there is a risk of ignition from static electricity, wear antistatic protective clothing and footwear. Any additional personal protective equipment or measures should be selected based on the risk assessment of the task being performed and should be approved by a specialist before handling this product.
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

Appearance	Coloured Liquid
Odor threshold	Not Measured
pH	11.6
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	166 (°C) 330 (°F)
Flash Point	100 (°C) 212 (°F)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1 Upper Explosive Limit: No Established Limit
vapor pressure (Pa)	Not Measured
Vapor Density	Heavier than air
Specific Gravity	1.40
Solubility in Water	Not Measured

NVA244_A3

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.

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

No data available

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 LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr
Magnesium silicate talc - (14807-96-6)	No data available	No data available	No data available	No data available
4,4'-Diaminodicyclohexylmethane - (1761-71-3)	1,000.00, Rat - Category: 4	2,110.00, Rabbit - Category: 5	No data available	0.40, Mouse - Category: 2
Formaldehyde, polymer with benzenamine, hydrogenated - (135108-88-2)	367.00, Rat - Category: 4	1,000.00, Rabbit - Category: 3	No data available	No data available
MICA - (12001-26-2)	No data available	No data available	No data available	No data available
"1-Propanamin,3-(trietoksisilil)-", "ID" - (919-30-2)	1,490.00, Rat - Category: 4	4,076.00, Rabbit - Category: 5	No data available	No data available
Cardenol - (8007-24-7)	2,000.00, Rat - Category: 4	No data available	No data available	No data available
Titanium dioxide (Non-respirable) - (13463-67-7)	5,001.00, Mouse - Category: NA	10,000.00, Rabbit - Category: NA	No data available	6.82, Rat - Category: NA

Item	Category	Hazard
Acute Toxicity (mouth)	4	Harmful if swallowed.
Acute Toxicity (skin)	5	May be harmful in contact with skin.
Acute Toxicity (inhalation)	4	Harmful if inhaled.
Skin corrosion/irritation	1	Causes severe skin burns and eye damage.
Eye damage/irritation	1	Causes serious eye damage.

NVA244_A3

Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	1	May cause an allergic skin reaction.
Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	1A	May cause cancer.
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
Magnesium silicate talc - (14807-96-6)	Not Available	Not Available	Not Available
4,4'-Diaminodicyclohexylmethane - (1761-71-3)	46.00, Leuciscus idus	6.84, Daphnia magna	140.00 (72 hr), Algae
Formaldehyde, polymer with benzenamine, hydrogenated - (135108-88-2)	Not Available	Not Available	Not Available
MICA - (12001-26-2)	Not Available	Not Available	Not Available
,"1-Propanamin,3-(trietoksisilil)-","ID" - (919-30-2)	934.00, Danio rerio	331.00, Daphnia magna	603.00 (72 hr), Algae
Cardenol - (8007-24-7)	Not Available	Not Available	Not Available
Titanium dioxide (Non-respirable) - (13463-67-7)	294.00, Oryzias latipes	501.00, Daphnia magna	51.00 (72 hr), Pseudokirchnerella subcapitata

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

NVA244_A3

- 14.1. UN number UN 2735
- 14.2. UN proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS: CYCLOALIPHATIC AMINE)
- 14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
Proper Shipping Name	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS: CYCLOALIPHATIC AMINE)	IMDG Proper Shipping Name	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS: CYCLOALIPHATIC AMINE)
Hazard Class	Class 8, No division Corrosive materials	IMDG Hazard Class Sub Class	Class 8, No division Corrosive materials Not applicable
UN / NA Number	UN 2735		
Packing Group	III	IMDG Packing Group	III
CERCLA/DOT RQ	Not Applicable gal. / Not Applicable lbs.	System Reference Code	264

- 14.4. Packing group III
- 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.

WHMIS Classification D2A 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%):
Magnesium silicate talc
MICA
Titanium dioxide (Non-respirable)

Penn RTK Substances (>1%):
Magnesium silicate talc
MICA
Titanium dioxide (Non-respirable)

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

RCRA Status:
(No Product Ingredients Listed)

N.J. RTK Substances (>1%):
Magnesium silicate talc
MICA

Titanium dioxide (Non-respirable)

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

Crystalline Silica - Quartz - Non-Respirable

Magnesium silicate talc

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

(No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0%):

Titanium dioxide (Non-respirable)

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)

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:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H330 Fatal if inhaled.

H412 Harmful to aquatic life with long lasting effects.

End of Document