

# EBA408\_A2

## Safety Data Sheet INTERCURE 420 MIO LIGHT GREY PART A



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

Sales  
Order: {SalesOrd}  
EBA408  
11/30/2011  
A2-2

### 1. Identification of the preparation and company

#### 1.1. Product identifier

Product Identity INTERCURE 420 MIO LIGHT GREY PART A  
Bulk Sales Reference No. EBA408

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended Use See Technical Data Sheet.  
Application Method See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

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

#### 2.1. Classification of the substance or mixture

#### 2.2. Label elements

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

HMIS Rating Health: 2\* Flammability: 3 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
Iron oxide CAS Number: 0001309-37-1	10 - 25	----	[1][2]
Epoxy Resin CAS Number: 0025068-38-6	10 - 25	Eye Irrit. 2;H319 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411	[1]

Nepheline syenite CAS Number: 0037244-96-5	10 - 25	----	[1]
Titanium dioxide CAS Number: 0013463-67-7	1.0 - 10	----	[1][2]
Xylenes (o-, m-, p- isomers) CAS Number: 0001330-20-7	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 Asp. Tox. 1;H304	[1][2]
Propylene glycol monomethyl ether CAS Number: 0000107-98-2	1.0 - 10	Flam. Liq. 3;H226 STOT SE 3;H336	[1][2]
Butanol CAS Number: 0000071-36-3	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H302 STOT SE 3;H335 Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H336	[1][2]
Quartz CAS Number: 0014808-60-7	1.0 - 10	Acute Tox. 4;H332 STOT RE 2;H373	[1][2]
Benzene, ethyl- CAS Number: 0000100-41-4	1.0 - 10	Flam. Liq. 2;H225 Acute Tox. 4;H332 Asp. Tox. 1;H304 Eye Irrit. 2;H319 Skin Irrit. 2;H315 STOT SE 3;H335 STOT RE 2;H373	[1][2]
2-Methoxy-1-propanol CAS Number: 0001589-47-5	0.10 - 1.0	Flam. Liq. 3;H226 Repr. 1B;H360D STOT SE 3;H335 Skin Irrit. 2;H315 Eye Dam. 1;H318	[1]

[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	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

## EBA408\_A2

Skin	contact. The equipment must be thoroughly cleaned, or discarded after each use. Causes skin irritation. May cause delayed 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.

<b>5. Fire-fighting measures</b>
----------------------------------

- 5.1. Extinguishing media
- 5.2. Special hazards arising from the substance or mixture
- 5.3. Advice for fire-fighters
- ERG Guide No.

<b>6. Accidental release measures</b>
---------------------------------------

- 6.1. Personal precautions, protective equipment and emergency procedures
- 6.2. Environmental precautions
- 6.3. Methods and material for containment and cleaning up

<b>7. Handling and storage</b>
--------------------------------

- 7.1. Precautions for safe handling  
Handling
- In Storage
- 7.2. Conditions for safe storage, including any incompatibilities
- 7.3. Specific end use(s)

<b>8. Exposure controls and personal protection</b>
---

### 8.1. Control parameters Exposure

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	100 ppm TWA; 300 mg/m <sup>3</sup> TWA50 ppm Ceiling; 150 mg/m <sup>3</sup> Ceiling
		ACGIH	20 ppm TWA
		NIOSH	50 ppm Ceiling; 150 mg/m <sup>3</sup> Ceiling1400 ppm IDLH (10% LEL)
		Supplier	
		OHSA, CAN	20 ppm TWA
		Mexico	
0000100-41-4	Benzene, ethyl-	Brazil	40 ppm TWA LT; 115 mg/m <sup>3</sup> TWA LT
		OSHA	100 ppm TWA; 435 mg/m <sup>3</sup> TWA125 ppm STEL; 545 mg/m <sup>3</sup> STEL
		ACGIH	20 ppm TWA
		NIOSH	100 ppm TWA; 435 mg/m <sup>3</sup> TWA125 ppm STEL; 545 mg/m <sup>3</sup> STEL800 ppm IDLH (10% LEL)
		Supplier	
		OHSA, CAN	20 ppm TWA
Mexico	100 ppm TWA LMPE-PPT; 435 mg/m <sup>3</sup> TWA LMPE-PPT125 ppm STEL [LMPE-CT]; 545 mg/m <sup>3</sup> STEL [LMPE-CT]		

EBA408\_A2

0000107-98-2	Propylene glycol monomethyl ether	Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
		OSHA	150 ppm STEL; 540 mg/m3 STEL
		ACGIH	50 ppm TWA100 ppm STEL
		NIOSH	100 ppm TWA; 360 mg/m3 TWA150 ppm STEL; 540 mg/m3 STEL
		Supplier	
		OHSA, CAN	100 ppm TWA150 ppm STEL
		Mexico	
0001309-37-1	Iron oxide	Brazil	
		OSHA	10 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust, listed under Rouge); 5 mg/m3 TWA (respirable fra
		ACGIH	5 mg/m3 TWA (respirable fraction)
		NIOSH	5 mg/m3 TWA (dust and fume, as Fe)2500 mg/m3 IDLH (dust and fume, as Fe)
		Supplier	
		OHSA, CAN	5 mg/m3 TWA (respirable)
		Mexico	5 mg/m3 TWA LMPE-PPT10 mg/m3 STEL [LMPE-CT] (as Fe)
0001330-20-7	Xylenes (o-, m-, p- isomers)	Brazil	
		OSHA	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
		ACGIH	100 ppm TWA150 ppm STEL
		NIOSH	
		Supplier	
		OHSA, CAN	100 ppm TWA150 ppm STEL
		Mexico	100 ppm TWA LMPE-PPT; 435 mg/m3 TWA LMPE-PPT150 ppm STEL [LMPE-CT]; 655 mg/m3 STEL [LMPE-CT]
0001589-47-5	2-Methoxy-1-propanol	Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
		OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
0013463-67-7	Titanium dioxide	Brazil	
		OSHA	15 mg/m3 TWA (total dust)
		ACGIH	10 mg/m3 TWA
		NIOSH	5000 mg/m3 IDLH
		Supplier	
		OHSA, CAN	10 mg/m3 TWA
		Mexico	10 mg/m3 TWA LMPE-PPT (as Ti)20 mg/m3 STEL [LMPE-CT] (as Ti)
0014808-60-7	Quartz	Brazil	
		OSHA	
		ACGIH	0.025 mg/m3 TWA (respirable fraction)
		NIOSH	0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)
		Supplier	
		OHSA, CAN	0.10 mg/m3 TWA (designated substances regulation, respirable, listed under Silica, crystalline)0.10 mg/m3 TWA (respirable fraction, listed under Silica, crystalline)
		Mexico	0.1 mg/m3 TWA LMPE-PPT (respirable fraction)
Brazil			

## EBA408\_A2

0025068-38-6	Epoxy Resin	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0037244-96-5	Nepheline syenite	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	10 mg/m3 TWA (total dust)
		Mexico	
		Brazil	

## 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
0000107-98-2	Propylene glycol monomethyl ether	NIOSH	Eye nose
0001309-37-1	Iron oxide	NIOSH	Benign pneumoconiosis termed siderosis
0001330-20-7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant; respiratory and eye irritation
0001589-47-5	2-Methoxy-1-propanol	NIOSH	
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
0014808-60-7	Quartz	NIOSH	Chronic lung disease (silicosis)
0025068-38-6	Epoxy Resin	NIOSH	
0037244-96-5	Nepheline syenite	NIOSH	

## 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;
0000107-98-2	Propylene glycol monomethyl 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;
0001309-37-1	Iron oxide	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;
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;
0001589-47-5	2-Methoxy-1-propanol	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;
0013463-67-7	Titanium dioxide	OSHA	Select Carcinogen: Yes

EBA408\_A2

		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; 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;
0025068-38-6	Epoxy Resin	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;
0037244-96-5	Nepheline syenite	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
- Eyes
- Skin
- Engineering Controls
- Other Work Practices

9. Physical and chemical properties
-------------------------------------

- Appearance
- Odour threshold
- pH
- Melting point / freezing point
- Initial boiling point and boiling range
- Flash Point
- Evaporation rate (Ether = 1)
- Flammability (solid, gas)
- Upper/lower flammability or explosive limits Lower Explosive Limit:
- Upper Explosive Limit:
- vapor pressure (Pa)
- Vapor Density
- Specific Gravity 0.00
- Partition coefficient n-octanol/water (Log Kow)
- Auto-ignition temperature
- Decomposition temperature
- Viscosity (cSt)
- VOC % Refer to the Technical Data Sheet or label where information is available.
- VOHAP content (gm/litre of paint) 0.00 (as supplied)
- VOHAP content (gm/litre of Solid Coating) 0.00 (as supplied)

10. Stability and reactivity
------------------------------

- 10.1. Reactivity
- 10.2. Chemical stability
- 10.3. Possibility of hazardous reactions
- 10.4. Conditions to avoid
- 10.5. Incompatible materials
- 10.6. Hazardous decomposition products

## EBA408\_A2

## 11. Toxicological information

## Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr
Iron oxide - (1309-37-1)	10,000.00, Rat - Category: NA	No data available	No data available	No data available
Epoxy Resin - (25068-38-6)	2,000.00, Rat - Category: 4	2,000.00, Rabbit - Category: 4	No data available	No data available
Nepheline syenite - (37244-96-5)	No data available	No data available	No data available	No data available
Titanium dioxide - (13463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	6.82, Rat - Category: NA
Xylenes (o-, m-, p- isomers) - (1330-20-7)	4,299.00, Rat - Category: 5	1,548.00, Rabbit - Category: 4	20.00, Rat - Category: 4	No data available
Propylene glycol monomethyl ether - (107-98-2)	5,000.00, Rat - Category: 5	13,000.00, Rabbit - Category: NA	No data available	No data available
Butanol - (71-36-3)	2,292.00, Rat - Category: 5	3,430.00, Rabbit - Category: 5	No data available	No data available
Quartz - (14808-60-7)	No data available	No data available	No data available	No data available
Benzene, ethyl- - (100-41-4)	3,500.00, Rat - Category: 5	15,433.00, Rabbit - Category: NA	17.20, Rat - Category: 4	No data available
2-Methoxy-1-propanol - (1589-47-5)	No data available	No data available	No data available	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	Not Classified	Not Applicable
Acute Toxicity (skin)	Not Classified	Not Applicable
Acute Toxicity (inhalation)	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)	Not Classified	Not Applicable
Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
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

## Aquatic Ecotoxicity

Ingredient			

EBA408\_A2

	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Iron oxide - (1309-37-1)	Not Available	Not Available	Not Available
Epoxy Resin - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	Not Available
Nepheline syenite - (37244-96-5)	Not Available	Not Available	Not Available
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Xylenes (o-, m-, p-isomers) - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Propylene glycol monomethyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
Quartz - (14808-60-7)	Not Available	Not Available	Not Available
Benzene, ethyl- - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
2-Methoxy-1-propanol - (1589-47-5)	Not Available	Not Available	Not Available

- 12.2. Persistence and degradability
- 12.3. Bioaccumulative potential
- 12.4. Mobility in soil
- 12.5. Results of PBT and vPvB assessment
- 12.6. Other adverse effects

13. Disposal considerations
-----------------------------

- 13.1. Waste treatment methods

14. Transport information
---------------------------

- 14.1. UN number
- 14.2. UN proper shipping name
- 14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation) DOT Proper Shipping Name DOT Hazard Class UN / NA Number DOT Packing Group CERCLA/DOT RQ      gal. / lbs.	IMO / IMDG (Ocean Transportation) IMDG Proper Shipping Name IMDG Hazard Class Sub Class IMDG Packing Group System Reference      2 Code
--	--

- 14.4. Packing group
- 14.5. Environmental hazards  
 IMDG      Marine Pollutant:
- 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

## WHMIS Classification

## DOT Marine Pollutants (10%):

(No Product Ingredients Listed)

## DOT Severe Marine Pollutants (1%):

(No Product Ingredients Listed)

## EPCRA 311/312 Chemicals and RQs (&gt;.1%) :

Benzene, ethyl- (1000 lb final RQ; 454 kg final RQ)

Butanol (5000 lb final RQ; 2270 kg final RQ)

Xylenes (o-, m-, p- isomers) (100 lb final RQ; 45.4 kg final RQ)

## EPCRA 302 Extremely Hazardous (&gt;.1%) :

(No Product Ingredients Listed)

## EPCRA 313 Toxic Chemicals (&gt;.1%) :

Benzene, ethyl-

Butanol

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

## Mass RTK Substances (&gt;1%) :

Benzene, ethyl-

Iron oxide

Butanol

Propylene glycol monomethyl ether

Quartz

Titanium dioxide

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

## Penn RTK Substances (&gt;1%) :

Benzene, ethyl-

Iron oxide

Butanol

Propylene glycol monomethyl ether

Quartz

Titanium dioxide

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

## Penn Special Hazardous Substances (&gt;.01%) :

(No Product Ingredients Listed)

## RCRA Status:

(No Product Ingredients Listed)

## N.J. RTK Substances (&gt;1%) :

Benzene, ethyl-

Iron oxide

Butanol

Propylene glycol monomethyl ether

Quartz

Titanium dioxide

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

## N.J. Special Hazardous Substances (&gt;.01%) :

Benzene, ethyl-

Butanol

Propylene glycol monomethyl ether

Quartz

Talc

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

## N.J. Env. Hazardous Substances (&gt;.1%) :

Benzene, ethyl-

Butanol  
Xylenes (o-, m-, p- isomers)  
Proposition 65 - Carcinogens (>0%):  
Benzene, ethyl-  
Quartz  
Titanium dioxide  
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 full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.  
H226 Flammable liquid and vapor.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H360D May damage the unborn child.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

The following sections have changed since the previous revision.

End of Document