

PHA906\_A0

Safety Data Sheet  
 INTERTHANE 990 ALUMINUM PART A

Sales  
 Order: {SalesOrd}  
 PHA906  
 06/28/2008  
 A0-

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



1. Identification of the preparation and company

1.1. Product identifier

Product Identity INTERTHANE 990 ALUMINUM PART A  
 Bulk Sales Reference No. PHA906

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
Trimethyl benzene CAS Number: 0025551-13-7	10 - 25	Flam. Liq. 2;H225 Acute Tox. 4;H302 Acute Tox. 4;H312 Skin Irrit. 2;H315	[1][2]
Aluminum CAS Number: 0007429-90-5	10 - 25	Water react. 2;H261 Pyr. Sol. 1;H250	[1][2]

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1,2,4-Trimethyl benzene CAS Number: 0000095-63-6	10 - 25	Flam. Liq. 3;H226 Acute Tox. 4;H332 Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315 Aquatic Chronic 2;H411	[1]
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]
Stoddard solvent CAS Number: 0008052-41-3	1.0 - 10	Asp. Tox. 1;H304	[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]
BUTYL ACETATE CAS Number: 0000123-86-4	1.0 - 10	Flam. Liq. 3;H226 STOT SE 3;H336	[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. Repeated contact can cause dermatitis. 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.

5. Fire-fighting measures

5.1. Extinguishing media

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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>
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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>
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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>
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8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000095-63-6	1,2,4-Trimethyl benzene	OSHA	
		ACGIH	
		NIOSH	25 ppm TWA; 125 mg/m3 TWA
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0000100-41-4	Benzene, ethyl-	OSHA	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
		ACGIH	20 ppm TWA
		NIOSH	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL)
		Supplier	
		OHSA, CAN	20 ppm TWA
		Mexico	100 ppm TWA LMPE-PPT; 435 mg/m3 TWA LMPE-PPT125 ppm STEL [LMPE-CT]; 545 mg/m3 STEL [LMPE-CT]
		Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
0000123-86-4	BUTYL ACETATE	OSHA	150 ppm TWA; 710 mg/m3 TWA200 ppm STEL; 950 mg/m3 STEL
		ACGIH	150 ppm TWA200 ppm STEL
		NIOSH	150 ppm TWA; 710 mg/m3 TWA200 ppm STEL; 950 mg/m3 STEL1700 ppm IDLH (10% LEL)
		Supplier	
		OHSA, CAN	150 ppm TWA200 ppm STEL
		Mexico	150 ppm TWA LMPE-PPT; 710 mg/m3 TWA LMPE-PPT200 ppm STEL [LMPE-CT]; 950 mg/m3 STEL [LMPE-CT]
		Brazil	

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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	
		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]
0007429-90-5	Aluminum	Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
		OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	1 mg/m3 TWA (respirable fraction)
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	
		OHSA, CAN	1 mg/m3 TWA (respirable)
0008052-41-3	Stoddard solvent	Mexico	10 mg/m3 TWA LMPE-PPT (dust)
		Brazil	
		OSHA	500 ppm TWA; 2900 mg/m3 TWA
		ACGIH	100 ppm TWA
		NIOSH	350 mg/m3 TWA1800 mg/m3 Ceiling (15 min)20000 mg/m3 IDLH
		Supplier	
0025551-13-7	Trimethyl benzene	OHSA, CAN	525 mg/m3 TWA (140C Flash aliphatic solvent)
		Mexico	100 ppm TWA LMPE-PPT; 523 mg/m3 TWA LMPE-PPT200 ppm STEL [LMPE-CT]; 1050 mg/m3 STEL [LMPE-CT]
		Brazil	
		OSHA	
		ACGIH	25 ppm TWA
		NIOSH	
000095-63-6	1,2,4-Trimethyl benzene	Supplier	
		OHSA, CAN	25 ppm TWA
		Mexico	25 ppm TWA LMPE-PPT; 125 mg/m3 TWA LMPE-PPT35 ppm STEL [LMPE-CT]; 170 mg/m3 STEL [LMPE-CT]
		Brazil	
		OSHA	
		ACGIH	25 ppm TWA

Health Data

CAS No.	Ingredient	Source	Value
000095-63-6	1,2,4-Trimethyl benzene	NIOSH	
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0000123-86-4	BUTYL ACETATE	NIOSH	Mucous membrane and eye irritation; high concentrations cause nervous system effects in animals
0001330-20-7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant; respiratory and eye irritation
0007429-90-5	Aluminum	NIOSH	Lung changes that may lead to pulmonary fibrosis; respiratory and skin irritation
0008052-41-3	Stoddard solvent	NIOSH	Eye nose
0025551-13-7	Trimethyl benzene	NIOSH	Skin irritation CNS depression

Carcinogen Data

CAS No.	Ingredient	Source	Value
000095-63-6	1,2,4-Trimethyl benzene	OSHA	Select Carcinogen: No

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		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;
0000123-86-4	BUTYL ACETATE	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;
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;
0007429-90-5	Aluminum	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;
0008052-41-3	Stoddard solvent	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;
0025551-13-7	Trimethyl benzene	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

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
Trimethyl benzene - (25551-13-7)	No data available	No data available	No data available	No data available
Aluminum - (7429-90-5)	No data available	No data available	No data available	No data available
1,2,4-Trimethyl benzene - (95-63-6)	3,400.00, Rat - Category: 5	3,160.00, Rabbit - Category: 5	18.00, Rat - Category: 4	No data available
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
Stoddard solvent - (8052-41-3)	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
BUTYL ACETATE - (123-86-4)	10,700.00, Rat - Category: NA	17,600.00, Rabbit - Category: NA	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

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Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Trimethyl benzene - (25551-13-7)	Not Available	5.60, Palaemonetes pugio	Not Available
Aluminum - (7429-90-5)	0.12, Oncorhynchus mykiss	3.50, Daphnia magna	Not Available
1,2,4-Trimethyl benzene - (95-63-6)	7.72, Pimephales promelas	3.60, Daphnia magna	Not Available
Xylenes (o-, m-, p- isomers) - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Stoddard solvent - (8052-41-3)	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
BUTYL ACETATE - (123-86-4)	18.00, Pimephales promelas	32.00, Artemia salina	674.70 (72 hr), Scenedesmus subspicatus

- 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
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- 13.1. Waste treatment methods

14. Transport information
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- 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 Code 2

- 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)

BUTYL ACETATE (5000 lb final RQ (listed under Butyl acetate); 2270 kg final RQ (listed under Butyl acetate))

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%) :

Aluminum

Benzene, ethyl-

1,2,4-Trimethyl benzene

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

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

Aluminum

Benzene, ethyl-

BUTYL ACETATE

1,2,4-Trimethyl benzene

Stoddard solvent

Trimethyl benzene

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

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

Aluminum

Benzene, ethyl-

BUTYL ACETATE

1,2,4-Trimethyl benzene

Stoddard solvent

Trimethyl benzene

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%) :

Aluminum

Benzene, ethyl-

BUTYL ACETATE

1,2,4-Trimethyl benzene

Stoddard solvent

Trimethyl benzene

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

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

Aluminum

Benzene, ethyl-

BUTYL ACETATE

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

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

Aluminum

Benzene, ethyl-



1,2,4-Trimethyl benzene  
Xylenes (o-, m-, p- isomers)  
Proposition 65 - Carcinogens (>0%):  
Benzene, ethyl-  
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
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The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.  
H226 Flammable liquid and vapor.  
H250 Catches fire spontaneously if exposed to air.  
H261 In contact with water releases flammable gas.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
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.

This is the first revision of this SDS format, changes from previous revision not applicable.

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