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Material Safety Data Sheet INTERSHIELD 300V BRONZE PART A

Sales
Order: {SalesOrd}

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

ENA310DR
27/10/2010
A4-3



1. Identification of the preparation and company

Product Identity: INTERSHIELD 300V BRONZE PART A
Bulk Sales Reference No.: ENA310DR
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



GHS Classification;

Item	Category	Hazard
Flammability	3	Flammable liquid and vapor
Acute Toxicity (mouth)	Not classified	Not applicable
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)	Not classified	Not applicable
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, lung, 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

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

Safety Phrases:

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

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.			
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: 2*	Flammability: 3	Reactivity: 0	PPE: X

3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Benzene, 1,2,4-trimethyl-	0000095-63-6	1.0 - 10
Benzene, ethyl-	0000100-41-4	1.0 - 10
Xylenes (o-, m-, p- isomers)	0001330-20-7	1.0 - 10
Kaolin	0001332-58-7	1.0 - 10
Aluminum	0007429-90-5	10 - 25
Talc	0014807-96-6	10 - 25
Reaction product of epichlorohydrin & bisphenol A	0025085-99-8	25 - 50
Petroleum naphtha, light aromatic	0064742-95-6	1.0 - 10

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

5. Fire-fighting measures

Flash Point	F: 106 C: 41
Lower Explosive Limit (LEL)	.7 (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No.	127

6. Accidental release measures

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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 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).
ERG Guide No.	127

7. Handling and storage

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 and clothing. Avoid prolonged or repeated contact with skin. Close container after each use. Wash thoroughly after handling.

8. Exposure controls and personal protection

Exposure			
CAS No.	Ingredient	Source	Value
0000095–63–6	Benzene, 1,2,4–trimethyl–	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	25 ppm TWA; 125 mg/m3 TWA
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0000100–41–4	Benzene, ethyl–	OSHA	100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL
		ACGIH	100 ppm TWA 125 ppm STEL
		NIOSH	100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL 800 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	100 ppm TWAEV; 435 mg/m3 TWAEV 125 ppm STEV; 540 mg/m3 STEV
		Mexico	100 ppm TWA; 435 mg/m3 TWA 125 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 TWA 150 ppm STEL; 655 mg/m3 STEL
		ACGIH	100 ppm TWA 150 ppm STEL
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	100 ppm TWAEV; 435 mg/m3 TWAEV 150 ppm STEV; 650 mg/m3 STEV
		Mexico	100 ppm TWA; 435 mg/m3 TWA 150 ppm STEL; 655 mg/m3 STEL
		Brazil	78 ppm TWA; 340 mg/m3 TWA
0001332–58–7	Kaolin	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	2 mg/m3 TWA (respirable fraction, particulate matter containing no asbestos and

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		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	2 mg/m3 TWAEV (respirable, containing no asbestos and less than 1% crystalline silica)
		Mexico	10 mg/m3 TWA 20 mg/m3 STEL
		Brazil	No Established Limit
0007429-90-5	Aluminum	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	10 mg/m3 TWA (metal dust)
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	5 mg/m3 TWAEV (powder); 10 mg/m3 TWAEV (metal and oxide dust)
		Mexico	10 mg/m3 TWA (dust)
		Brazil	No Established Limit
0014807-96-6	Talc	OSHA	No Established Limit
		ACGIH	2 mg/m3 TWA (respirable fraction, particulate matter containing no asbestos and
		NIOSH	2 mg/m3 TWA (respirable dust, containing no asbestos and less than 1% quartz) 1000 mg/m3 IDLH (containing no asbestos and
		Supplier	No Established Limit
		OHSA, CAN	2 mg/m3 TWAEV (respirable, containing no asbestos and less than 1% crystalline silica)
		Mexico	2 mg/m3 TWA
		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
0064742-95-6	Petroleum naphtha, light aromatic	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
0000095-63-6	Benzene, 1,2,4-trimethyl-	NIOSH	No Established Limit
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0001330-20-7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant; respiratory and eye irritation
0001332-58-7	Kaolin	NIOSH	Skin and mucous membrane injury respiratory effects
0007429-90-5	Aluminum	NIOSH	Lung changes that may lead to pulmonary fibrosis; respiratory and skin irritation
0014807-96-6	Talc	NIOSH	(containing asbestos); Fibrotic pneumoconiosis; (containing no asbestos); Nonmalignant respiratory effects
0025085-99-8		NIOSH	No Established Limit

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	Reaction product of epichlorohydrin & bisphenol A		
0064742-95-6	Petroleum naphtha, light aromatic	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000095-63-6	Benzene, 1,2,4-trimethyl-	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;
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;
0001332-58-7	Kaolin	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;
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;
0014807-96-6	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;
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;
0064742-95-6	Petroleum naphtha, light aromatic	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 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.

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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	1.40
Boiling Point F	279
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 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, 1,2,4-trimethyl- (0000095-63-6)	3,400.00, Rat – Category: 5	3,160.00, Rabbit – Category: 5	-----
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
Kaolin (0001332-58-7)	-----	-----	-----
Aluminum (0007429-90-5)	-----	-----	-----
Talc (0014807-96-6)	-----	-----	-----
Reaction product of epichlorohydrin & bisphenol A – (0025085-99-8)	-----	-----	-----
Petroleum naphtha, light aromatic (0064742-95-6)	8,400.00, Rat – Category: NA	2,000.00, Rabbit – Category: 4	5.20, Rat – Category: 3

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

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<p>DOT (Domestic Surface Transportation)</p> <p>DOT Proper Shipping Name PAINT</p> <p>DOT Hazard Class 3</p> <p>UN / NA Number UN 1263</p> <p>DOT Packing Group III</p> <p>CERCLA/DOT RQ 120 gal. / 1405 lbs.</p>	<p>IMO / IMDG (Ocean Transportation)</p> <p>IMDG Proper Shipping Name PAINT</p> <p>IMDG Hazard Class 3 – Flammable and Combustible liquid</p> <p>UN / NA Number UN 1263</p> <p>IMDG Packing Group III</p> <p>System Reference Code 2</p>
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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

Benzene, 1,2,4-trimethyl-

Benzene, ethyl-

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

Mass RTK Substances (>1%) :

Aluminum

Benzene, 1,2,4-trimethyl-

Benzene, ethyl-

Kaolin

Talc

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

Mass Extraordinarily Haz Sub (>.01%) :

Silica, cristobalite

Penn RTK Substances (>1%) :

Aluminum

Benzene, 1,2,4-trimethyl-

Benzene, ethyl-

Kaolin

Talc

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

Penn Special Hazardous Substances (>.01%) :

(No Product Ingredients Listed)

Rhode Island Hazardous Substances (>.1%) :

Aluminum

Benzene, ethyl-

Iron oxide

Kaolin

Talc

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

RCRA Status (%):

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

Aluminum
Benzene, 1,2,4-trimethyl-
Benzene, ethyl-
Talc
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
Benzene, 1,2,4-trimethyl-
Benzene, ethyl-
Xylenes (o-, m-, p- isomers)

Proposition 65 – Carcinogens (>0%):

Cobalt
Benzene, ethyl-
Nickel
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:

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.