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Material Safety Data Sheet INTERFINE 878 AMARILLO 202(RA-63) PT A



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

Sales
Order: {SalesOrd}
SZ71241
12/14/2011
A4-2

1. Identification of the preparation and company

Product Identity INTERFINE 878 AMARILLO 202(RA-63) PT A
Bulk Sales Reference No. SZ71241
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



Warning

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	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, systemic toxicity
	2	Not applicable
	3	Not applicable
Specific target organ systemic Toxicity (repeated exposure)	1	central nerve system, respiratory system
	2	blood (circulatory system), liver, spleen
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	Not classified	Not applicable
Harmfulness to aquatic Environment (long term effect)	Not classified	Not applicable

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

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 contact. The equipment must be thoroughly cleaned, or discarded after each use.
Skin	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.
HMIS Rating	Health: 2 Flammability: 3 Reactivity: 0 PPE: X

3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Isopropyl alcohol	0000067-63-0	1.0 - 10
Benzene, ethyl-	0000100-41-4	0.10 - 1.0
Propylene glycol monomethyl ether acetate	0000108-65-6	1.0 - 10
Xylenes (o-, m-, p- isomers)	0001330-20-7	1.0 - 10
Barium sulfate	0007727-43-7	10 - 25
1,6-Hexanediol diacrylate	0013048-33-4	10 - 25
Polyoestradiol phosphate	0028014-46-2	1.0 - 10
BUTANAMIDE, 2,2'-[(3,3'-DICHLORO[1,1'-BIPHENYL]-4,	0031775-16-3	1.0 - 10
SILOXANES AND SILICONES, DI-ME, METHOXY PH, POLYME	0068957-04-0	10 - 25
Acrylated Urethane Oligomer	TS-KH6529	10 - 25

4. First aid measures

General	Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy
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	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: 93 C: 34
Lower Explosive Limit (LEL)	1 (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No.	128

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	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. 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
0000067-63-0	Isopropyl alcohol	OSHA	400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL
		ACGIH	200 ppm TWA400 ppm STEL
		NIOSH	400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL2000 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	200 ppm TWA400 ppm STEL
		Mexico	400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL

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0000100-41-4	Benzene, ethyl-	Brazil	310 ppm TWA; 765 mg/m3 TWA
		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
		OHSA, CAN	100 ppm TWA125 ppm STEL
		Mexico	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
0000108-65-6	Propylene glycol monomethyl ether acetate	Brazil	78 ppm TWA; 340 mg/m3 TWA
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	50 ppm TWA; 270 mg/m3 TWA
		Mexico	No Established Limit
0001330-20-7	Xylenes (o-, m-, p- isomers)	Brazil	No Established Limit
		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
0007727-43-7	Barium sulfate	Brazil	78 ppm TWA; 340 mg/m3 TWA
		OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	10 mg/m3 TWA
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWA (total dust)
		Mexico	No Established Limit
0013048-33-4	1,6-Hexanediol diacrylate	Brazil	No Established Limit
		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
0028014-46-2	Polyoestradiol phosphate	Brazil	No Established Limit
		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
0031775-16-3	BUTANAMIDE, 2,2'-[(3,3'-DICHLORO[1,1'-BIPHENYL]-4,	Brazil	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit

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		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0068957-04-0	SILOXANES AND SILICONES, DI-ME, METHOXY PH, POLYME	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
TS-KH6529	Acrylated Urethane Oligomer	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
0000067-63-0	Isopropyl alcohol	NIOSH	Mucous membrane irritation; possible carcinogenic effects
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0000108-65-6	Propylene glycol monomethyl ether acetate	NIOSH	No Established Limit
0001330-20-7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant; respiratory and eye irritation
0007727-43-7	Barium sulfate	NIOSH	Eye nose
0013048-33-4	1,6-Hexanediol diacrylate	NIOSH	No Established Limit
0028014-46-2	Polyoestradiol phosphate	NIOSH	No Established Limit
0031775-16-3	BUTANAMIDE, 2,2'-[(3,3'-DICHLORO[1,1'-BIPHENYL]-4,	NIOSH	No Established Limit
0068957-04-0	SILOXANES AND SILICONES, DI-ME, METHOXY PH, POLYME	NIOSH	No Established Limit
TS-KH6529	Acrylated Urethane Oligomer	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000067-63-0	Isopropyl alcohol	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;
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;
0000108-65-6	Propylene glycol monomethyl ether 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;
0007727-43-7	Barium sulfate	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;
0013048-33-4	1,6-Hexanediol diacrylate	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;
0028014-46-2	Polyoestradiol phosphate	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: No
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0031775-16-3	BUTANAMIDE, 2,2'-[(3,3'-DICHLORO[1,1'-BIPHENYL]-4,	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;
0068957-04-0	SILOXANES AND SILICONES, DI-ME, METHOXY PH, POLYME	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;
TS-KH6529	Acrylated Urethane Oligomer	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 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 thoroughly 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	1.50
Boiling Point F	180

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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
Isopropyl alcohol – (0000067–63–0)	4,396.00, Rat – Category: 5	12,800.00, Rat – Category: NA	72.60, Rat – Category: NA
Benzene, ethyl– (0000100–41–4)	3,500.00, Rat – Category: 5	15,354.00, Rabbit – Category: NA	17.20, Rat – Category: 4
Propylene glycol monomethyl ether acetate – (0000108–65–6)	8,532.00, Rat – Category: NA	5,000.00, Rabbit – Category: 5	-----
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
Barium sulfate – (0007727–43–7)	-----	-----	-----
1,6–Hexanediol diacrylate – (0013048–33–4)	5,000.00, Rat – Category: 5	-----	-----
Polyoestradiol phosphate – (0028014–46–2)	-----	-----	-----
BUTANAMIDE, 2,2'–[(3,3'–DICHLORO[1,1'–BIPHENYL]–4, – (0031775–16–3)	-----	-----	-----
SILOXANES AND SILICONES, DI–ME, METHOXY PH, POLYME – (0068957–04–0)	-----	-----	-----
Acrylated Urethane Oligomer – (TS–KH6529)	-----	-----	-----

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

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 Name	PAINT	IMDG Proper Shipping Name	PAINT
DOT Hazard Class	3	IMDG Hazard Class	3 – Flammable and Combustible liquid
UN / NA Number	UN 1263	UN / NA Number	UN 1263
DOT Packing Group	III	IMDG Packing Group	III
CERCLA/DOT RQ	401 gal. / 5000 lbs.		2

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	B2:D2B
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%) :	
	Benzene, ethyl-
	Isopropyl alcohol
	Xylenes (o-, m-, p- isomers)
Mass RTK Substances (>1%) :	
	Barium sulfate
	Isopropyl alcohol
	Xylenes (o-, m-, p- isomers)
Mass Extraordinarily Haz Sub (>.01%) :	
	Quartz
Penn RTK Substances (>1%) :	
	Barium sulfate
	Isopropyl alcohol
	Xylenes (o-, m-, p- isomers)
Penn Special Hazardous Substances (>.01%) :	(No Product Ingredients Listed)
Rhode Island Hazardous Substances (>.1%) :	
	Benzene, ethyl-
	Isopropyl alcohol
	Xylenes (o-, m-, p- isomers)
RCRA Status (%):	
N.J. RTK Substances (>1%) :	
	Barium sulfate
	Isopropyl alcohol
	Xylenes (o-, m-, p- isomers)
N.J. Special Hazardous Substances (>.01%) :	
	Benzene, ethyl-
	Isopropyl alcohol
	Phosphoric acid
	Quartz
	Xylenes (o-, m-, p- isomers)
N.J. Env. Hazardous Substances (>.1%) :	
	Benzene, ethyl-
	Isopropyl alcohol
	Xylenes (o-, m-, p- isomers)
Proposition 65 – Carcinogens (>0%):	
	Benzene, ethyl-
	Nickel
	Quartz

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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:

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.

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.