

# EGA954\_6\_0

## Material Safety Data Sheet INTERSHIELD 9L DARK GREY

Sales  
Order: {SalesOrd}  
EGA954\_6  
04/03/2011  
0-5

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



### 1. Identification of the preparation and company

Product Identity INTERSHIELD 9L DARK GREY  
Bulk Sales Reference No. EGA954\_6  
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



Danger

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	1A	Causes severe skin burns and eye damage
Eye damage/irritation	Not classified	Not applicable
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	respiratory system
	2	Not applicable
	3	narcotic effects
Specific target organ systemic Toxicity (repeated exposure)	1	lung
	2	kidneys, liver, respiratory system
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.
- S9: Keep container in a well-ventilated place.
- S23: Do not breathe vapor/spray.
- S24: Avoid contact with skin.
- S28: After contact with skin, wash immediately with plenty of soap and water.
- S35: This material and its container must be disposed of in a safe way.
- S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- S49: Keep only in the original container.
- S51: Use only in well-ventilated areas.

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. May cause allergic respiratory reaction. May cause mucous membrane and respiratory tract irritation, tightness of chest, headache, shortness of breath and dry cough. May cause asthma-like symptoms to occur. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.			
Eyes	Causes eye burns. Avoid contact with eyes.			
Skin	Causes skin burns. 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: 3	Flammability: 2	Reactivity: 0	PPE: X

3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Bisphenol A	0000080-05-7	1.0 – 10
Propylene glycol monomethyl ether	0000107-98-2	1.0 – 10
Aluminum	0007429-90-5	25 – 50
Titanium dioxide	0013463-67-7	0.10 – 1.0
Wollastonite (Ca(SiO3))	0013983-17-0	10 – 25
Quartz	0014808-60-7	0.10 – 1.0
Reaction product of epichlorohydrin & bisphenol A	0025085-99-8	1.0 – 10
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with (chloromethyl)oxirane	0030499-70-8	1.0 – 10
Nepheline syenite	0037244-96-5	10 – 25
Glass, oxide, chemicals	0065997-17-3	1.0 – 10
Talc (*non-asbestiform)	14807-96-6*	1.0 – 10

This product contains 0.11 percent Quartz.

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	

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Eyes	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Skin	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Ingestion	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.
	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.

<b>5. Fire-fighting measures</b>
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Flash Point	F: 102 C: 39
Lower Explosive Limit (LEL)	1 (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No.	127

<b>6. Accidental release measures</b>
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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. Fully Encapsulating, vapor protective clothing should be worn for spills and leaks with no fire.
Public Safety	CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 meters (75 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 100 meters (330 feet).
ERG Guide No.	127

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

<b>8. Exposure controls and personal protection</b>
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		Exposure	
CAS No.	Ingredient	Source	Value
0000080-05-7	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
0000107-98-2	Propylene glycol monomethyl ether	OSHA	150 ppm STEL; 540 mg/m3 STEL
		ACGIH	100 ppm TWA150 ppm STEL
		NIOSH	100 ppm TWA; 360 mg/m3 TWA150 ppm STEL;

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			540 mg/m3 STEL
		Supplier	No Established Limit
		OHSA, CAN	100 ppm TWAEV; 365 mg/m3 TWAEV150 ppm STEV; 550 mg/m3 STEV
		Mexico	No Established Limit
		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
0013463-67-7	Titanium dioxide	OSHA	15 mg/m3 TWA (total dust)
		ACGIH	10 mg/m3 TWA
		NIOSH	5000 mg/m3 IDLH
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWAEV (total dust)
		Mexico	10 mg/m3 TWA (as Ti)20 mg/m3 STEL (as Ti)
		Brazil	No Established Limit
0013983-17-0	Wollastonite (Ca(SiO3))	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
0014808-60-7	Quartz	OSHA	No Established Limit
		ACGIH	0.025 mg/m3 TWA (respirable fraction)
		NIOSH	0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	0.10 mg/m3 TWAEV (designated substance regulation)0.10 mg/m3 TWAEV
		Mexico	0.1 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
0030499-70-8	1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with (chloromethyl)oxirane	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
0037244-96-5	Nepheline syenite	OSHA	No Established Limit

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		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWAEV (total dust)
		Mexico	No Established Limit
		Brazil	No Established Limit
0065997-17-3	Glass, oxide, chemicals	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
14807-96-6*	Talc (*non-asbestiform)	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
0000080-05-7	Bisphenol A	NIOSH	No Established Limit
0000107-98-2	Propylene glycol monomethyl ether	NIOSH	Eye nose
0007429-90-5	Aluminum	NIOSH	Lung changes that may lead to pulmonary fibrosis; respiratory and skin irritation
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
0013983-17-0	Wollastonite (Ca(SiO3))	NIOSH	No Established Limit
0014808-60-7	Quartz	NIOSH	Chronic lung disease (silicosis)
0025085-99-8	Reaction product of epichlorohydrin & bisphenol A	NIOSH	No Established Limit
0030499-70-8	1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with (chloromethyl)oxirane	NIOSH	No Established Limit
0037244-96-5	Nepheline syenite	NIOSH	No Established Limit
0065997-17-3	Glass, oxide, chemicals	NIOSH	No Established Limit
14807-96-6*	Talc (*non-asbestiform)	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000080-05-7	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;
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;
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;
0013463-67-7	Titanium dioxide	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: No
		IARC	

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			Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0013983-17-0	Wollastonite (Ca(SiO3))	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;
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;
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;
0030499-70-8	1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with (chloromethyl)oxirane	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;
0065997-17-3	Glass, oxide, chemicals	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;
14807-96-6*	Talc (*non-asbestiform)	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.
- 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

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pH	Not Determined
Specific Gravity	?????
Boiling Point F	176
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
Bisphenol A – (0000080–05–7)	3,200.00, Rat – Category: 5	3,000.00, Rabbit – Category: 5	-----
Propylene glycol monomethyl ether – (0000107–98–2)	5,200.00, Rat – Category: NA	13,000.00, Rabbit – Category: NA	54.60, Rat – Category: NA
Aluminum – (0007429–90–5)	-----	-----	-----
Titanium dioxide – (0013463–67–7)	10,000.00, Rat – Category: NA	10,000.00, Rabbit – Category: NA	6,082.00, Rat – Category: NA
Wollastonite (Ca(SiO3)) – (0013983–17–0)	-----	-----	-----
Quartz – (0014808–60–7)	500.00, Rat – Category: 4	-----	-----
Reaction product of epichlorohydrin & bisphenol A – (0025085–99–8)	-----	-----	-----
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with (chloromethyl)oxirane – (0030499–70–8)	-----	-----	-----
Nepheline syenite – (0037244–96–5)	-----	-----	-----
Glass, oxide, chemicals – (0065997–17–3)	-----	-----	-----
Talc (*non-asbestiform) – (14807–96–6*)	-----	-----	-----

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.
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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, FLAMMABLE LIQUID, CORROSIVE	IMDG Proper Shipping Name	PAINT, FLAMMABLE LIQUID, CORROSIVE
DOT Hazard Class	3 (8)	IMDG Hazard Class	3 Flammable and Combustible Liquids, 8

UN / NA Number	UN 3469	UN / NA Number	UN 3469
DOT Packing Group	III	IMDG Packing Group	III
CERCLA/DOT RQ	2161 gal. / 18003 lbs.	System Reference Code	206

Corrosive Liquids

15. Regulatory information
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**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**        B3: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%) :**  
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%) :**  
1,2,4-Trimethyl benzene  
Aluminum  
Bisphenol A  
Xylenes (o-, m-, p- isomers)

**Mass RTK Substances (>1%) :**  
Aluminum  
Bisphenol A  
Propylene glycol monomethyl ether

**Mass Extraordinarily Haz Sub (>.01%) :**  
Quartz

**Penn RTK Substances (>1%) :**  
Aluminum  
Bisphenol A  
Propylene glycol monomethyl ether

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

**Rhode Island Hazardous Substances (>.1%) :**  
Aluminum  
Ethyl alcohol  
Iron oxide  
Methyl n-amyyl ketone  
Propylene glycol monomethyl ether  
Quartz  
Titanium dioxide  
Xylenes (o-, m-, p- isomers)

**RCRA Status:**  
(No Product Ingredients Listed)

**N.J. RTK Substances (>1%) :**  
Aluminum  
Bisphenol A  
Propylene glycol monomethyl ether

**N.J. Special Hazardous Substances (>.01%) :**  
(No Product Ingredients Listed)  
Benzylidimethylamine  
Ethyl alcohol  
Isobutyl alcohol



Benzene, methyl-  
Xylenes (o-, m-, p- isomers)  
N.J. Env. Hazardous Substances (>.1%) :  
1,2,4-Trimethyl benzene  
Aluminum  
Bisphenol A  
Xylenes (o-, m-, p- isomers)  
Proposition 65 – Carcinogens (>0%):  
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%):  
Ethyl alcohol  
Benzene, methyl-

Risk Phrases:

R34: Causes burns.

R37: Irritating to respiratory system.

R43: May cause sensitisation by skin contact.

16. Other information
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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.