

# ZER001\_A1

## Material Safety Data Sheet INTERPLATE ZERO GREY POWDER PART B



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

Sales  
Order: {SalesOrd}  
ZER001  
01/07/2010  
A1-4

### 1. Identification of the preparation and company

Product Identity	INTERPLATE ZERO GREY POWDER PART B
Bulk Sales Reference No.	ZER001
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



Warning

#### GHS Classification:

Item	Category	Hazard
Flammability	Not classified	Not applicable
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	systemic toxicity
	2	Not applicable
	3	Not applicable
Specific target organ systemic Toxicity (repeated exposure)	1	lung
	2	Not applicable
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	1	Very Toxic to aquatic life.
Harmfulness to aquatic Environment (long term effect)	1	Very Toxic to aquatic life with long lasting effects

## ZER001\_A1

Carcinogenicity	Not classified	Not applicable
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	Avoid contact with eyes, skin and clothing.
Inhalation	Harmful if inhaled. Causes nose and throat irritation.
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**

HMIS Rating                      Health: 1                      Flammability: 0                      Reactivity: 0                      PPE: X

3. Composition/information on ingredients
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Ingredient	CAS No.	Percent
Carbonic acid, calcium salt (1:1)	0000471-34-1	1.0 - 10
Zinc oxide	0001314-13-2	1.0 - 10
Kaolin	0001332-58-7	1.0 - 10
Zinc	0007440-66-6	75 - 100

4. First aid measures
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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
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Flash Point	F: No Established Limit C: No Established Limit
Lower Explosive Limit (LEL)	No Established Limit (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No.	170

6. Accidental release measures
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Spill Response Procedures	ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). 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. Use non-sparking equipment to collect spilled material and transfer to containers for later disposal. DO NOT GET WATER INSIDE CONTAINERS.
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.

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. Finely divided powders are potentially explosive when suspended in air. Isolate from heat, sparks, electrical equipment and open flame. Avoid contact with eyes and clothing. Avoid prolonged or repeated contact with skin. Do not breathe dust. Close container after each use. Wash thoroughly after handling.

8. Exposure controls and personal protection

Exposure			
CAS No.	Ingredient	Source	Value
0000471–34–1	Carbonic acid, calcium salt (1:1)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWAEV (containing no asbestos and less than 1% crystalline silica)
		Mexico	No Established Limit
		Brazil	No Established Limit
0001314–13–2	Zinc oxide	OSHA	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume)
		ACGIH	2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction)
		NIOSH	5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH
		Supplier	No Established Limit
		OHSA, CAN	2 mg/m3 TWAEV (respirable)10 mg/m3 STEV (respirable)
		Mexico	5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust)10 mg/m3 STEL (fume)
		Brazil	No Established Limit
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
		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 TWA20 mg/m3 STEL
		Brazil	No Established Limit
0007440–66–6	Zinc	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

ZER001\_A1

CAS No.	Ingredient	Source	Value
0000471-34-1	Carbonic acid, calcium salt (1:1)	NIOSH	No Established Limit
0001314-13-2	Zinc oxide	NIOSH	Metal fume fever
0001332-58-7	Kaolin	NIOSH	Skin and mucous membrane injury respiratory effects
0007440-66-6	Zinc	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000471-34-1	Carbonic acid, calcium salt (1:1)	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;
0001314-13-2	Zinc oxide	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;
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;
0007440-66-6	Zinc	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** Avoid breathing dust. Use a NIOSH approved respirator in accordance with 29CFR 1910.134 to remove particulates (and vapors if there is overexposure to vapors generated during the processing of this product). 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** Depending on the site-specific conditions of use, provide adequate 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. Avoid contact with eyes and clothing. Avoid prolonged or repeated contact with skin.

9. Physical and chemical properties

Physical State	Solid Coloured
pH	No Established Limit
Specific Gravity	5.81
Boiling Point F	No Established Limit
Vapor Density	Not Applicable

ZER001\_A1

VOC % Refer to the Technical Data Sheet for this product  
 Evaporation Rate Not Applicable

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 May produce hazardous fumes when heated to decomposition as in welding. Fumes  
 Decomposition 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
Carbonic acid, calcium salt (1:1) – (0000471–34–1)	6,450.00, Rat – Category: NA	-----	-----
Zinc oxide – (0001314–13–2)	5,000.00, Rat – Category: 5	-----	5.70, rat – Category: 3
Kaolin – (0001332–58–7)	-----	-----	-----
Zinc – (0007440–66–6)	-----	-----	-----

General 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

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper Shipping Name	ZINC DUST (NOT HAZARDOUS BY TESTING IN ACCORDANCE WITH UN MANUAL OF TESTS AND CRITERIA)	IMDG Proper Shipping Name	ZINC DUST
DOT Hazard Class	NR	IMDG Hazard Class	4.3 – Dangerous when wet materials
UN / NA Number	Not Regulated	UN / NA Number	UN 1436
DOT Packing Group	Not Regulated	IMDG Packing Group	III
CERCLA/DOT RQ	25 gal. / 1214 lbs.	System Reference Code	12

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

## ZER001\_A1

DOT Marine Pollutants (10%):  
(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):  
(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :  
Zinc (1000 lb final RQ (no release reporting if the pieces are larger than 100 µm); 454 kg)

EPCRA 302 Extremely Hazardous (>.1%) :  
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :  
Zinc

Mass RTK Substances (>1%) :  
Kaolin  
Zinc  
Zinc oxide

Mass Extraordinarily Haz Sub (>.01%) :  
(No Product Ingredients Listed)

Penn RTK Substances (>1%) :  
Kaolin  
Zinc  
Zinc oxide

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

Rhode Island Hazardous Substances (>.1%) :  
Kaolin  
Zinc  
Zinc oxide

RCRA Status (%):

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

N.J. Special Hazardous Substances (>.01%) :  
(No Product Ingredients Listed)

N.J. Env. Hazardous Substances (>.1%) :  
Zinc

Proposition 65 – Carcinogens (>0%):  
Cadmium  
Lead

Proposition 65 – Female Repro Toxins (>0%):  
Lead

Proposition 65 – Male Repro Toxins (>0%):  
Cadmium  
Lead

Proposition 65 – Developmental Toxins (>0%):  
Cadmium  
Lead

### Risk Phrases:

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.