

ZER003_A0

Material Safety Data Sheet
 INTERPLATE ZERO RED BROWN POWDER PART B



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

Sales
 Order: {SalesOrd}
 ZER003
 09/21/2009
 A0-2

1. Identification of the preparation and company

Product Identity INTERPLATE ZERO RED BROWN POWDER PART B
 Bulk Sales Reference No. ZER003
 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	respiratory tract irritation
Specific target organ systemic Toxicity (repeated exposure)	1	lung, respiratory system
	2	Not applicable
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	1	Very Toxic to aquatic life.
	1	Very Toxic to aquatic life with long lasting effects

ZER003_A0

Harmfulness to aquatic Environment (long term effect)		
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	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: 1	Flammability: 0	Reactivity: 0

3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Carbonic acid, calcium salt (1:1)	000471-34-1	1.0 – 10
Iron oxide	001309-37-1	1.0 – 10
Zinc oxide	001314-13-2	1.0 – 10
Zinc	007440-66-6	75 – 100

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: 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

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
---------------------------	--

ZER003_A0

Public Safety containers for later disposal. DO NOT GET WATER INSIDE CONTAINERS.
 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.

ERG Guide No. 170

7. Handling and storage

Storage Temperature Store between 40–100F (4–38C).

Handling and Storage Precautions Finely divided powders are potentially explosive when suspended in air. Isolate from heat, sparks, electrical equipment and open flame. Closed containers may explode when exposed to extreme heat. In the absence of electricity, an water spray (a fog nozzle is preferred) may be used to cool containers. Decomposition and combustion products may be toxic. 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. 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
000471–34–1	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
001309–37–1	Iron oxide	OSHA	10 mg/m3 TWA
		ACGIH	5 mg/m3 TWA (respirable fraction)
		NIOSH	5 mg/m3 TWA (dust and fume, as Fe)2500 mg/m3 IDLH (dust and fume, as Fe)
		Supplier	No Established Limit
		OHSA, CAN	5 mg/m3 TWAEV (respirable)
		Mexico	5 mg/m3 TWA10 mg/m3 STEL (as Fe)
		Brazil	No Established Limit
001314–13–2	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
007440–66–6	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

ZER003_A0

	Brazil	No Established Limit
--	--------	----------------------

Health Data

CAS No.	Ingredient	Source	Value
000471-34-1	Carbonic acid, calcium salt (1:1)	NIOSH	No Established Limit
001309-37-1	Iron oxide	NIOSH	Benign pneumoconiosis termed siderosis
001314-13-2	Zinc oxide	NIOSH	Metal fume fever
007440-66-6	Zinc	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
000471-34-1	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;
001309-37-1	Iron oxide	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;
001314-13-2	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;
007440-66-6	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
pH	No Established Limit
Specific Gravity	5.99

ZER003_A0

Boiling Point F No Established Limit
 Vapor Density Not Applicable
 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 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
Carbonic acid, calcium salt (1:1) – (000471–34–1)	6,450.00, Rat – Category: NA	-----	-----
Iron oxide – (001309–37–1)	10,000.00, Rat – Category: NA	-----	-----
Zinc oxide – (001314–13–2)	5,000.00, Rat – Category: 5	-----	5.70, rat – Category: 3
Zinc – (007440–66–6)	-----	-----	-----

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. / 1247 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

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%) :

Iron oxide

Zinc

Zinc oxide

Mass Extraordinarily Haz Sub (>.01%) :

(No Product Ingredients Listed)

Penn RTK Substances (>1%) :

Iron oxide

Zinc

Zinc oxide

Penn Special Hazardous Substances (>.01%) :

(No Product Ingredients Listed)

Rhode Island Hazardous Substances (>.1%) :

Iron oxide

Zinc

Zinc oxide

RCRA Status (%):

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

Iron oxide

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

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

ZER003_A0

caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.