

MATERIAL SAFETY DATA SHEET

Sales Order: {SalesOrd}

INTERZINC 22 CONVERTER (ZINC DUST)

MSDS Revision No: A8-4
MSDS Revision Date: 01/19/2002



International Paint Inc.
6001 Antoine Drive
Houston, Texas 77091

EMERGENCY NUMBERS:

(800) 424-9300 CHEMTREC (USA)
(703) 527-3887 CHEMTREC (Int'l)
(800) 854-6813 Poison Control Center
CUSTOMER SERVICE: (Non-Emergency)
(800) 589-1267 International Paint
(800) 631-7481 Interlux

1. GENERAL INFORMATION

Product Identity: INTERZINC 22 CONVERTER (ZINC DUST)

Bulk Sales Reference No: QHA027

IMPORTANT: Read this MSDS before handling or disposing of this product, and provide this information to the employee, customers, and users of this product. PLEASE NOTE THE MSDS REVISION NUMBER AT THE TOP OF THIS PAGE. If the MSDS Revision Number posted at the top of this page does not match the MSDS Revision Number on the product label, please contact Customer Service at the phone number included above for the correct MSDS. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard.

2. HAZARDOUS INGREDIENT INFORMATION

CAS No.	Ingredient Name & %	Source	Exposure Data	
001314-13-2	Zinc oxide 1.0 - 10% by Weight	OSHA:	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume)	
		ACGIH:	5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust, The value for Zinc oxide 'dust' is for total dust containing no asbestos and < 1% crystalline silica)10 mg/m3 STEL (fume)	
		NIOSH:	5 mg/m3 TWA (fume/dust)10 mg/m3 STEL15 mg/m3 Ceiling (fume and dust)500 mg/m3 IDLH	
		Supplier:	No Data Available	
		OHSA, CAN:	5 mg/m3 TWAEV (fume); 10 mg/m3 TWAEV (dust)10 mg/m3 STEV (fume)	
		Mexico:	5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust)10 mg/m3 STEL	
		Brazil:	No Data Available	
		Source		Health Data
		NIOSH:	Metal fume fever	
		Source		Carcinogen Data
OSHA:	Select Carcinogen: No			
NTP:	Known Carcinogen: No; Suspected Carcinogen: No			
IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No			

CAS No.	Ingredient Name & %	Source	Exposure Data
007440-66-6	Zinc 75 - 100% by Weight	OSHA:	No Data Available
		ACGIH:	No Data Available
		NIOSH:	No Data Available
		Supplier:	No Data Available
		OHSA, CAN:	No Data Available
		Mexico:	No Data Available
		Brazil:	No Data Available
		Source	Health Data
		NIOSH:	No Data Available
		Source	Carcinogen Data
		OSHA:	Select Carcinogen: No
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No
		IARC:	Group 1: No; Group 2A: No;
			Group 2b: No; Group 3: No; Group 4: No

3. HAZARD IDENTIFICATION

Overview:	Avoid contact with eyes, skin and clothing.		
Inhalation:	Harmful if inhaled. Causes nose and throat irritation.		
Eyes:	Causes severe eye irritation. Do not get in 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:	Contains an ingredient which can cause organ damage (See Section 2 and Section 15 for each ingredient).		
HMIS Rating:	Health: 1	Flammability: 0	Reactivity: 0

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. PROTECTIVE EQUIPMENT AND CONTROL MEASURES

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:	Do not get in eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 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/Hand: Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 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.

6. FIRE AND EXPLOSION INFORMATION

Flash Point: F: Not Determined

C: Not Determined

Lower Explosive Limit (LEL): Not Determined (%vol in air) at Normal Atmospheric Temp and Pressure

Fire and Explosion Hazards: May react violently or explosively on contact with water. Material may be transported in flammable liquids. May be ignited by friction, heat, sparks, or flames. May burn with intense heat. Dust or fumes may form explosive mixtures in air. Containers may explode when heated. May re-ignite after fire is extinguished. 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 eater spray (a fog nozzle is preferred) may be used to cool containers. Decomposition and combustion products may be toxic.

Fire Fighting Procedures: SMALL FIRES: DO NOT USE WATER, FOAM, OR CO2. Dousing metallic fires with water may generate hydrogen gas, an extremely dangerous explosion hazard, particularly if fire is in a confined area. Use DRY sand, graphite powder, dry sodium chloride based extinguishers, G-1 or Met-L-X powder. Confining or smothering metal fires is preferable rather than applying water. Move containers from fire area if you can do so without risk. Also Reference Emergency Response Guide Number: 170

7. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

pH: Not Determined

Specific Gravity: 7.1

Boiling Point (F): Not Determined

Vapor Density: Not Applicable

VOC Content (lbs): Refer to the Technical Data Sheet for this product

Evaporation Rate: Not Applicable

8. STABILITY AND REACTIVITY DATA

General: This product is stable and hazardous polymerization will not occur.

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.

9. HANDLING AND STORAGE

Storage Temperature: Store between 32 and 120 F

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. Do not get in eyes, on skin or clothing. Do not breathe dust. Close container after each use. Wash thoroughly after handling.

10. TOXICOLOGICAL DATA

General: No additional information provided for this product. See Section 2 for chemical specific data.

11. ECOLOGICAL DATA

General: No additional information provided for this product. See Section 2 for chemical specific data.

12. 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 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.
Also, Reference Emergency Response Guide Number: 170

13. DISPOSAL CONSIDERATION

Waste Disposal: Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. TRANSPORTATION 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 Number:	UN 1436
DOT Packing Group:	Not Regulated	IMDG Packing Group:	III
CERCLA/DOT RQ:	17 gal. / 1031 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: D2B

Regulatory List Product Ingredients on List

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

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

EPCRA 311/312 Chemicals and RQs:

007440-66-6

001314-13-2

EPCRA 302 Extremely Hazardous:
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

007440-66-6

001314-13-2

Mass RTK Substances:

Zinc : final RQ = 1000 pounds (454 kg) (no reporting of releases of this hazardous substance is required if the diameter of the solid metal released is equal to or exceeds 0.004 inches)
Zinc oxide : statutory RQ = 1 pound (0.454 kg)

Zinc

Zinc oxide

007440-66-6	Zinc
001314-13-2	Zinc oxide
Mass Extraordinarily Haz Substances:	
(No Product Ingredients Listed)	
Penn RTK Substances:	
007440-66-6	Zinc
001314-13-2	Zinc oxide
Penn Special Hazardous Substances:	
(No Product Ingredients Listed)	
Rhode Island Hazardous Substance:	
007440-66-6	Zinc
001314-13-2	Zinc oxide
RCRA Status:	
(No Product Ingredients Listed)	
N.J. RTK Substances:	
007440-66-6	Zinc
001314-13-2	Zinc oxide
N.J. Special Hazardous Substances:	
(No Product Ingredients Listed)	
N.J. Env. Hazardous Substance	
007440-66-6	Zinc
001314-13-2	Zinc oxide
Proposition 65 - Carcinogens:	
007439-92-1	Lead
007440-43-9	Cadmium
Proposition 65 - Female Reproductive	
Toxins:	
007439-92-1	Lead
Proposition 65 - Male Reproductive Toxins:	
007439-92-1	Lead
007440-43-9	Cadmium
Proposition 65 - Developmental Toxins:	
007439-92-1	Lead
007440-43-9	Cadmium

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.

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