

SURPLUS SALES OFFER NO. 293
SALE & REMOVAL OF ZINC PLATE® ZINC DUST, (COMPONENT B) –
SOLD AS ONE LOT
BID DUE DATE: 11 A. M., FRIDAY, SEPTEMBER 27, 2013

I understand that the following terms and conditions will apply to any purchase I make at this sale. All quantities, lengths and weights are approximate. This bid is irrevocable for ninety days after opening. The Port Authority reserves the right to accept any bid or combinations of bids which it considers in its best interest.

The bidder whose bid is accepted by the Port Authority on this Sales Offer has entered into a legally binding contractual agreement with the Port Authority. If at any time such a bidder fails to honor the terms of that contract, he/she will be declared in breach of contract, forfeit his/her bid deposit and be liable for all damages to the PA including the difference in the bid price and the next high responsive bid, and reletting costs, if any. In addition, the bidder may be ineligible for future Port Authority contract awards.

This form must be signed twice and submitted with bids in order for the bid to be considered.

Print Name: _____

Company: _____

Address: _____

Phone Number: _____

Fax Number: _____

Email: _____

Signature: _____ **Date:** _____

PLEASE READ ALL TERMS AND CONDITIONS BEFORE SIGNING

This bid is irrevocable for ninety days after opening.

SIGNATURE: _____ **DATE:** _____

(YOUR SIGNATURE IS ACKNOWLEDGEMENT THAT YOU HAVE READ AND ACCEPT THE TERMS OF THE SALE.)

NOTICE: The Port Authority of New York and New Jersey (the Port Authority) is offering for sale and removal “As Is” and “Where Is” ZINC PLATE® Zinc Dust, (Component B), sold as One Lot. A further description of the items begins on Page 10 of this document. Neither the items nor the descriptions thereof, nor the quantities shown are guaranteed by the Port Authority, and the Port Authority reserves the right to reject any and all bids or to accept them in whole or in part, which in its opinion will best serve its interests and to waive defects in proposals.

INSPECTION: Inspection is by appointment only. Inspection dates are Tuesday, September 17, 2013, and Thursday, September 19, 2013, from 8:00 a.m. to 2:00 p.m. Please call (201) 395-3424 or email fmarsell@panynj.gov to make a site-inspection appointment. A picture ID is required to enter the facility. Questions at inspection will be answered by addendum to all Bidders. **PLEASE NOTE:** Requests to schedule an appointment for inspection must be made no later than Noon of the previous day.

BIDDING PROCEDURE: The Bidder shall review carefully every provision of this document, provide all the information required, and sign and return one copy to The Port Authority accompanied **by a bid deposit of 10% (ten percent)** of the total amount in the form of a certified or bank check made payable to The Port Authority of New York & New Jersey. Bids are to be transmitted so as to be received by The Port Authority of New York and New Jersey, Bid Custodian, Procurement Department, 2 Montgomery Street, 3rd Floor, Jersey City, NJ 07302 before 11:00 a.m. of the date indicated in this sales offer, at which time they will be publicly opened and read. **You may not submit your bid electronically. You must submit the complete hard copy sales offer document and all addenda for this solicitation.** This document must be signed by an authorized representative of your firm, with all addenda initialed by said person. Failure to submit the complete hard copy sales offer and initialed addenda may make your submission non-responsive and ineligible for award. **The bidder must clearly state “Surplus Sales Bid Enclosed” and the Sales Offer Number on the outside of the envelop/package** and mail to the address above. This includes any express packaging used. Failure to do so may delay identification and/or misdirect and disqualify your submission. For special delivery, the bidder must ensure that the bid is delivered directly to The Port Authority of New York and New Jersey, Procurement Department, Bid Custodian. If you hand-deliver your bid/proposal, or attend the formal bid opening, you must present a valid photo identification to gain access to the building.

NOTIFICATION OF HIGH BIDDERS: The successful bidders(s) will be notified of the acceptance of their bids(s) within 30 days.

Payment in full and required insurance for all items must be submitted within seven days of notification of bid award. Payment will be made with certified or bank check.

REMOVAL: The successful bidder must remove all the purchased items from the facility within fourteen days of final award. The successful bidder must provide equipment and labor for removal. Removal of purchased items must be undertaken between the hours of 8:00 a.m. and 4:00 p.m. It will be the sole responsibility of the successful bidder to securely load the items and remove them from the premises, using their own labor and removal equipment in full accordance with Department of Transportation (DOT) requirements.

CONTACT PERSON: Frank J. Marsella, Procurement Department, 2 Montgomery Street, 3rd Floor, Jersey City, NJ 07302. Phone: (201) 395-3424. E-mail: fmarsell@panynj.gov.

Handling, removal and transport must be performed in accordance with all applicable local, state and federal environmental laws and statutes.

No Port Authority Property, Regardless Of Value, May Be Sold, Or Otherwise Conveyed To Any Port Authority Employee Or Relative (As Defined In AP 20-1.13), And No Port Authority Employee Shall Knowingly Buy Any Property That At Any Time Belonged To The Port Authority.

1. The undersigned offers and agrees to purchase “AS IS” and “WHERE IS” and remove all of the items in this sale comprising spent lead and brass (hereinafter referred to as “items”) sold as one Lot as more fully set forth herein provided the Port Authority accepts the offer of the undersigned.
2. The Port Authority makes no representation or warranty whatsoever as to the items either express or implied, and no Commissioner, Officer, agent or employee of the Port Authority is authorized to make any representation or warranty as to the items. The Purchaser shall have no claim against the Port Authority for any defect or other condition of the items. The items are sold on an “as is”, “where is”, on a “with all faults” basis. Bidders are therefore urged to inspect the items for themselves before bidding. Failure to do so, however, shall not impair or affect any of the terms of this Agreement. **THERE ARE NO WARRANTIES, EITHER EXPRESS OR IMPLIED. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY. THERE IS NO IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.**
3. Title to the items will pass to the Purchaser upon the Authority’s receipt of the full purchase price. Once payment is made, the items are unavailable to any third persons without permission of the Purchaser.
4. State and local sales or use tax (if applicable) under New Jersey law will be collected by the Port Authority from the Purchaser to the extent applicable and shall be included in the payment, or proof of tax immunity furnished.
5. The Purchaser releases and shall indemnify and hold harmless the Port Authority, its officers, employees, agents and servants from and against all proceedings, claims, demands, costs, expenses and liability arising out of, resulting from, or in any way connected with the purchase, removal, transportation, or use of the items, including any parts, or supplies, or services furnished hereunder.
6. The Purchaser shall complete the satisfactory performance of all Work under this Agreement within fourteen days of final award. The Purchaser shall not commence performance of the Work under this Agreement until the date of receipt by him of notice from the Port Authority that the insurance procured by him pursuant to this Agreement is satisfactory, as evidenced by the certificate to be furnished in accordance with this Agreement. Since time is of the essence in this Agreement, the Purchaser guarantees that he can and will complete the performance of the work within the time herein stipulated. Inasmuch as the damage and loss to the Port Authority, which will result from delay in completing the performance of the Work within the time herein stipulated will include items of loss whose amounts will be incapable or very difficult to accurately estimate, the Purchaser will reimburse the Port Authority for any loss or expense to the Port Authority caused by any delay caused solely by the Purchaser in the removal of the Items in the amount of \$50.00 a day.
7. The Purchaser assumes the following distinct and several risks, whether they arise from acts or omissions (whether negligent or not) of the Purchaser, of the Port Authority, or of third persons, or from any other cause and whether such risks are within or beyond the control of the Purchaser, excepting only risks which arise solely from affirmative acts done by the Port Authority subsequent to the opening of Proposals on this Agreement with actual and willful intent to cause the loss, damage and injuries described in subparagraph (a) through (c) below:

- a) The risk of loss or damage to the items prior to their physical relocation from the site.
- b) The risk of claims, just or unjust, by third persons made against the Purchaser or the Port Authority on account of injuries (including wrongful death), loss or damage of any kind to persons or property, real or personal, whatsoever arising or alleged to arise out of or in connection with the performance of this Agreement (whether or not actually caused by or resulting from the performance of this Agreement) by the purchaser or out of or in connection with the Purchaser's operations or presence at or in the vicinity of the Port Authority's premises, including claims against the Purchaser or the Port Authority for the payment of worker's compensation, whether such claims are made and whether such injuries, damage and loss are sustained at any time after the Purchaser assumes ownership and control of the items.
- c) The risk of loss or damage to any property of the Purchaser or his subcontractors or others under his control and of claims made against the Purchaser or the Port Authority for loss or damage to any property of subcontractors, materialmen, workmen and others in the performance of this Agreement, occurring at any time prior to the completion of removal of such property from the Port Authority's premises or the vicinity thereof.

The Purchaser shall indemnify the Port Authority against all claims described in subparagraphs (b) and (c) above and for all reasonable expenses incurred by it in the defense, settlement or satisfaction thereof, including expenses of attorneys. If so directed, the Purchaser shall defend against any claim described in subparagraphs (b) and (c) above, in which event he shall not, without obtaining express advance permission from the General Counsel of the Port Authority, raise any defense involving in any way jurisdiction of the tribunal, immunity of the Port Authority, governmental nature of the Port Authority or the provisions of any statutes respecting suits against the Port Authority, such defense to be at the Purchaser's cost.

The provisions of this numbered clause shall also be for the benefit of the Commissioners, officers, agents and employees of the Port Authority so that they shall have all the rights which they would have under this numbered clause if they were named at each place above at which the Port Authority is named, including a direct right of action against the Purchaser to enforce the foregoing indemnity, except, however, that the Port Authority may at any time in its sole discretion and without liability on its part cancel the benefit conferred on any of them by this numbered clause, whether or not the occasion for invoking such benefit has already arisen at the time of such cancellation.

The making of payment in full shall not release the Purchaser from his obligations under this numbered clause. Moreover, neither the enumeration of this numbered clause nor the enumeration elsewhere in this Agreement of particular risks assumed by the Purchaser or of particular claims for which he is responsible shall be deemed (a) to limit the effect of the provisions of this numbered clause or of any other clause of this Agreement relating to such risks or claims, (b) to imply that he assumes or is responsible for risks or claims only of the type enumerated in this numbered clause or in any other clause of this Agreement, or (c) to limit the risks which he would assume or the claims for which he would be responsible in the absence of such enumeration.

Moreover, the Purchaser also waives any rights to limitation of liability under such law or statutes in connection with damage which may occur to property of the Port Authority arising out of or in connection with performance of the Agreement, whether the right to recover for such damage arises under this Agreement or otherwise.

8. Nothing contained in this Agreement is intended for the benefit of third persons, except to the extent that the Agreement specifically provides otherwise by use of the words “benefit” or “direct right of action”.
9. From the time title passes to the Purchaser, he shall be responsible for the handling/disposal of any environmentally regulated components of the items in accordance with all legal requirements.
10. The entire agreement between the parties is contained herein and no change in or modification, termination, or discharge of this Agreement in any form whatsoever shall be valid or shall be enforceable against either of the parties unless in writing and signed by the party charged therewith, or his duly authorized representative, provided however, that cancellation in the manner hereinbefore expressly provided shall be effective as so provided.
11. Except as may be indicated in a signed statement submitted by you, prior to your executing this Agreement, stating in detail any exceptions to the certification, you shall be deemed, by executing of this Agreement, to certify that neither you nor the entity on whose behalf you are executing this Agreement (a) has been indicted or convicted in any jurisdiction (b) has been suspended, debarred or otherwise disqualified from entering into contracts with any governmental agency; or (c) had a contract terminated by any governmental agency for breach of contract or for any cause related directly or indirectly to an indictment or conviction. The foregoing certification or any such signed statement shall be deemed by the Port Authority to have been made by you with full knowledge that it would become part of the records of the Port Authority and that the Port Authority would rely on its truth and accuracy in entering into this Agreement. Knowingly providing a false certification or statement may be the basis for prosecution for offering a false instrument for filing (see, e.g. New York Penal Law, Sections 175.30 et. Seq.).
12. Except as may be indicated in a signed statement submitted by you prior to your executing this Agreement stating in detail any exceptions to the certification, you shall be deemed by execution of this Agreement to certify that (a) you have not made any offers or agreements or taken any other action with respect to any Port Authority employee or former employee or immediate family member of either which would constitute a breach of ethical standards under the Port Authority’s Code of Ethics effective April 11, 1996, nor have you any knowledge of any act on the part of a Port Authority employee or former Port Authority employee relating either directly or indirectly to you which constitutes a breach of the ethical standards set forth in said Code; and (b) no person or selling agency, other than a bona fide employee or bona fide established commercial or selling agency maintained by you for the purpose of securing business, has been employed or retained by you to solicit or secure this Agreement on the understanding that a commission, percentage, brokerage, contingent or other fee would be paid to such person or selling agency, (c) the prices for the items were arrived at independently without collusion, consultation, communication or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other proposed or with any competitor; (d) no attempt has been made and none will be made by you to induce any other person, partnership or corporation to submit or not to submit a proposal for the purpose of restricting competition. The bidder has not offered, promised or given, demanded or accepted, any undue advantage, directly or indirectly, to or from a public official or

employee, political candidate, party or party official, or any private sector employee (including a person who directs or works for a private sector enterprise in any capacity), in order to obtain, retain or direct business or to secure any other improper advantage in connection with this purchase. The foregoing certification or any such signed statement shall be deemed to have been made by you with full knowledge that it would become part of the records of the Port Authority and that the Port Authority would rely on its truth and accuracy in executing this Agreement. Knowingly providing a false certification or statement may be the basis for prosecution for offering a false instrument for filing (see, e.g., New York Penal Law, Section 175.30 et seq.).

If the Purchaser is a corporation:

This certification shall be deemed to include the officers, directors and shareholders with an equity interest in excess of 10% and to have been authorized by your Board of Directors.

If the Purchaser is a partnership:

This certification shall be deemed to be made by each partner.

This Agreement shall be construed in accordance with the Law of the State of New Jersey including the New Jersey Uniform Commercial Code, which shall be applicable to this Agreement. The Purchaser hereby consents to the exercise by the Courts of the States of New Jersey and New York of jurisdiction in personam over it with respect to any matter arising out of or in connection with the Agreement and waives any objection to such jurisdiction which it might otherwise have; and the Contractor agrees that mailing of process by registered mail addressed to it at the address of the Purchaser indicated herein, shall have the same effect as personal service within the State of New Jersey or New York upon a domestic corporation of the said State.

13. Insurance Requirements

Insurance Procured by the Contractor

The Contractor shall take out, maintain, and pay the premiums on Commercial General Liability Insurance, including but not limited to premises-operations, products-completed operations, and independent contractors coverage, with a contractual liability endorsement covering the obligations assumed by the contractor under this contract, AND, if vehicles are to be used to carry out the performance of this Contract, then the Contractor shall also take out, maintain, and pay the premiums on Automobile Liability Insurance covering owned, non-owned, and hired autos in the following minimum limits:

Commercial General Liability Insurance:

\$1,000,000 Combined Single Limit per occurrence for Bodily Injury and Property Damage. If Work is to be performed on or within 50 feet of railroad property, then the contractual liability coverage shall contain an endorsement deleting any railroad exclusion.

Commercial Automobile Liability Insurance:

\$1,000,000 Combined Single Limit per occurrence for Bodily Injury and Property Damage.

Workers' Compensation Insurance and Employers' Liability Insurance: The Contractor and Subcontractor shall procure and maintain, at their own expense a policy of workers' compensation insurance as required by law where the work will take place and employers' liability insurance with limits of not less than \$1,000,000 per accident. And **where applicable**, the Contractor and/or the Subcontractor shall also include one or more endorsements to cover for (i) Federal Employer's Liability Act (work near railroad), (ii) Longshore and Harbor Workers' Compensation Act (work on or around navigable waters), (iii) Maritime Coverage (for masters or member of the crews of vessels).

Compensation for such Workers' Compensation Insurance and Employers' Liability Insurance shall be in accordance with the clause of the Form of Contract entitled "Net Cost".

In addition, the policy(ies) shall include the Authority and its wholly owned entities as an additional insured and the policy (ies) and its certificate must be specifically endorsed to contain a provision that the policy may not be canceled, terminated, or modified without thirty (30) days' prior written notice to the Port Authority of NY and NJ, Attn: Facility Contract Administrator, at the location where the work will take place and to the General Manager, Risk Financing.

The Commercial General Liability Policy shall not contain any provisions for exclusions from liability other than those forming part of the standard, basis, unamended, and unendorsed Commercial General Liability Policy. The liability policies shall be endorsed to state that:

The insurer shall not, without obtaining the express advance written permission from the General Counsel of the Port Authority, raise any defense involving in any way the jurisdiction of the tribunal over the person of the Port Authority, the immunity of the Port Authority, its Commissioners, officers, agents or employees, the governmental nature of the Port Authority, or the provisions of any statutes respecting suits against the Port Authority.

All the aforesaid policies of liability insurance shall also contain an endorsement deleting any exclusion for severability of interests so that the policy or policies will provide that the protections afforded the Contractor thereunder with respect to any claim or action against the Contractor by a third person shall pertain and apply with like effect with respect to a claim or action against the Contractor by the Port Authority and that said protections shall also pertain or apply with respect to any claim or action against the Port Authority by the Contractor, but such endorsement shall not limit, vary, change or affect the protections afforded the Port Authority thereunder as an additional insured.

Within five (5) days after the acceptance of its Proposal, the Contractor shall deliver to the General Manager, Risk Financing, The Port Authority of New York and New Jersey, 225 Park Avenue South, 12th Floor, New York, N.Y. 10003 (Attn: Contract Insurance Review), certificate of insurance evidencing the above insurance and endorsements. Upon the request of the General Manager, Risk Financing, the Contractor shall meet with the General Manager, Risk Management and furnish for the Port Authority's inspection either the policies themselves or a certified copy of each policy and, if further requested, the provisions for establishing premiums. The Port Authority will not require that the Contractor leave this information with the Port Authority. The Contractor shall retain all documents and copies thereof.

The requirements of this Section are for the greater assurance of the Port Authority that the Contractor will be financially able to discharge its obligations under the Section hereof entitled "Risks Assumed by the Contractor" and shall not in any way be construed as a limitation on the nature or extent of such obligations. If at any time the above liability insurance should be canceled, terminated or modified so that

insurance is not in effect as above required, then if the General Manager, Risk Financing shall so direct, the Contractor shall suspend performance of this Contract. If the Contract is so suspended, no extension of time shall be due on account thereof. If the Contract is not so suspended (whether or not because of omission of the General Manager to order suspension), then the Authority may at its option, obtain insurance affording coverage equal to the above required, the cost of such insurance to be payable by the Contractor to the Authority.

BID SHEET

SURPLUS SALES OFFER NO. 293

**SALE & REMOVAL OF ZINC PLATE® ZINC DUST, (COMPONENT B) –
SOLD AS ONE LOT**

BID DUE DATE: 11 A. M., FRIDAY, SEPTEMBER 27, 2013

**SOLD AS IS, WHERE IS - ALL QUANTITIES ARE APPROXIMATE
BIDDERS ARE URGED TO INSPECT ITEMS PRIOR TO BIDDING**

LOCATED AT: Goethals Bridge Administration
2777 Goethals Bridge North
Staten Island, NY 10303

BID DUE DATE: 11 A.M., FRIDAY, SEPTEMBER 27, 2013

**SITE INSPECTION: INSPECTION DATES ARE TUESDAY, SEPTEMBER 17, 2013, AND
THURSDAY, SEPTEMBER 19, 2013, FROM 8:00 A.M. to 2:00 P.M. BY APPOINTMENT ONLY.
PLEASE CALL (201) 395-3424 OR E-MAIL fmarsell@panynj.gov FOR SITE INSPECTION
APPOINTMENT.**

LOT NO. 1 – DESCRIPTION

The allotment consists of twelve 2 1/2 gallon pails of ZINC PLATE® Zinc Dust, (Component B), a Sherwin-Williams product. The cumulative total weight of the Zinc is approximately 1,700 lbs. The Zinc is contained in the original sealed vendor's containers. Acquisition date is unknown. The containers may have possible water damage. The product appears unaffected. The Material Safety Data Sheet (MSDS) is attached.

PLEASE NOTE: Requests to schedule an appointment for inspection must be made no later than Noon of the previous day.

Company Name: _____

Total Bid, Lot 1: \$ _____

Bid Deposit Amount: \$ _____



Container ZINC PLATE® Zinc Dust, (Component B),

INCLUDED: CL21TY2B MSDS

CL21TY2B

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION

December 3, 2009

2009a

SECTION 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

CL21TY2B

PRODUCT NAME

ZINC PLATE® Zinc Dust, (Component B)

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 Prospect Avenue N.W.

Cleveland, OH 44115

Telephone Numbers and Websites

Regulatory Information (216) 566-2902

Medical Emergency (216) 566-2917

Transportation Emergency* (800) 424-9300

*for Chemical Emergency ONLY (spill, leak,
fire, exposure, or accident)

SECTION 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	Ingredient	Units
100	7440-66-6	Zinc	
		ACGIH TLV	Not Available
		OSHA PEL	Not Available

SECTION 3 -- HAZARDS IDENTIFICATION

HMIS Codes

Health 2

Flammability 0

Reactivity 1

ROUTES OF EXPOSURE

INHALATION of dust.

EYE or SKIN contact with the product or dust.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure to dust may cause irritation.

INHALATION: Irritation of the upper respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Continued on page 2

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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

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SECTION 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes.
Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.
If irritation persists or occurs later, get medical
attention.
Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing. Keep
warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

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SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT

Not Applicable

LEL

N.A.

UEL

N.A.

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dry zinc dust will not ignite spontaneously. In contact with
atmospheric moisture, zinc dust can form an explosive mixture
with air. When dampened in confined spaces, explosive
concentrations of hydrogen may form.

During emergency conditions overexposure to decomposition products may
cause a health hazard. Symptoms may not be immediately apparent.
Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Do not use water. Full protective equipment including self-contained
breathing apparatus should be used.

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SECTION 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

- * Remove all sources of ignition.
- * Sweep up material taking care not to generate airborne dust.

Continued on page 3

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 SECTION 7 -- HANDLING AND STORAGE

STORAGE CATEGORY
Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Use entire container at one time. Do not reseal opened containers containing Zinc dust. Do not transfer Zinc dust to other containers. Keep out of the reach of children.

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 SECTION 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid eye and prolonged skin contact with dust. Avoid generating or breathing airborne dust. Wash hands after using.

This product may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

PROTECTIVE GLOVES

Required for long or repeated contact.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

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 SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	58.6 lb/gal	7020 g/l
SPECIFIC GRAVITY	7.053	
BOILING POINT	Not Applicable	
MELTING POINT	Not Available	
VOLATILE VOLUME	0%	
EVAPORATION RATE	N.A.	
VAPOR DENSITY	N.A.	
SOLUBILITY IN WATER	N.A.	

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)

0.0 lb/gal	0 g/l	Less Water and Federally Exempt Solvents
0.0 lb/gal	0 g/l	Emitted VOC

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SECTION 10 -- STABILITY AND REACTIVITY
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STABILITY -- Stable

CONDITIONS TO AVOID

Avoid contamination of Zinc dust or Zinc-containing mixtures with water.
Avoid excess dusting of Zinc dust portions.

INCOMPATIBILITY

Contamination with Water, Acids, or Alkalis can cause evolution of hydrogen, which may result in dangerously increased pressures in closed containers.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Oxides of Metals in Section 2

HAZARDOUS POLYMERIZATION -- Will not occur

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SECTION 11 -- TOXICOLOGICAL INFORMATION
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CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

CAS No.	Ingredient Name
7440-66-6	Zinc
	LC50 RAT 4HR Not Available
	LD50 RAT Not Available

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SECTION 12 -- ECOLOGICAL INFORMATION
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No data available.

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SECTION 13 -- DISPOSAL CONSIDERATIONS
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WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

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SECTION 14 -- TRANSPORT INFORMATION
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US Ground (DOT)
Not Regulated for Transportation.

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities
Zinc 1000 lb RQ

Bulk Containers may be Shipped as (check reportable quantities):
RQ, UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S.
(ZINC), 9, PG III, (ERG#171)

Canada (TDG)
Not Regulated for Transportation.

IMO
Not Regulated for Transportation.

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SECTION 15 -- REGULATORY INFORMATION
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SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
	Zinc		97

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of
California to cause birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing,
on the TSCA Inventory.

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SECTION 16 -- OTHER INFORMATION
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This product has been classified in accordance with the hazard
criteria of the Canadian Controlled Products Regulations (CPR) and the
MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently
formulated, and is based on the information available at this time.
Addition of reducers or other additives to this product may
substantially alter the composition and hazards of the product. Since
conditions of use are outside our control, we make no warranties,
express or implied, and assume no liability in connection with any use
of this information.