



**ZINC CORPORATION OF AMERICA**  
 300 Frankfort Road  
 Monaca, PA 15061-2295  
 Phone: 724-774-1020  
 Fax: 724-773-2269  
<http://www.zinccorp.com>

# No. 44 ZINC DUST

## DESCRIPTION

ZINC DUST 44 is a standard particle size zinc dust designed to impart excellent corrosion resistance in metal-protective coatings. ZINC DUST 44 complies with ASTM specification D-520, Type I. This grade is also available with 0.4% unslaked lime added in order to minimize the formation of hydrogen gas in organic coatings. This product is known as ZINC DUST 44L.

## USES

**PAINT** – ZINC DUST 44 and ZINC DUST 44L are recommended for corrosion resistant metal primers with either organic or inorganic binders.

**OTHER USES** – ZINC DUST 44 can be employed in a variety of applications including lubricants and chemicals. It is used in the manufacture of zinc hydrosulfide, as a precipitating agent, and as a reducing agent.

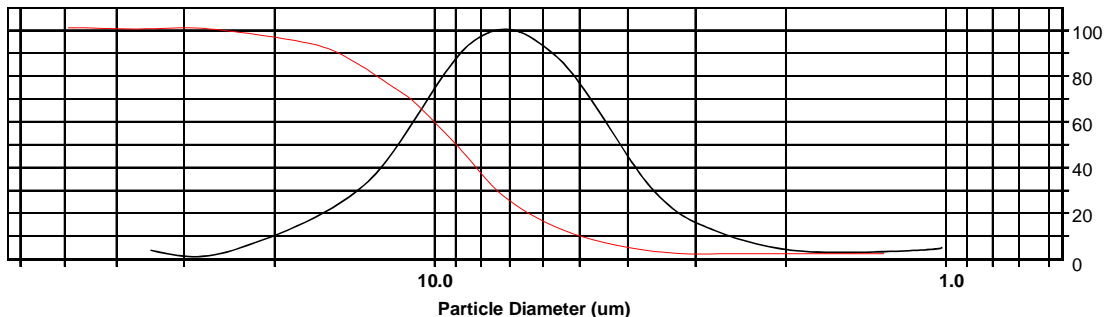
## TECHNICAL DATA

### Representative Physical Properties

Median Particle Size,  $\mu$  . . . . . 7.0  
 Pounds per Solid Gallon . . . . . 58.4  
 1 Lb Bulks, gallon. . . . . 0.017  
 Specific Gravity. . . . . 7.0  
 Through 325 Mesh, % . . . . . 98.0

### Representative Chemical Properties

Total Zinc, % . . . . . 99.3  
 Metallic Zinc, % . . . . . 97.0  
 Zinc Oxide, % . . . . . 3.1  
 Lead, % . . . . . 0.15  
 Cadmium, % . . . . . 0.03  
 Iron, % . . . . . <0.01



The information hereon has been compiled from sources which we believe to be reliable, but we assume no responsibility or liability for its accuracy or for the result of any application made of any information contained herein, nor do we assume any liability for infringement of any patent which may result from the application of such information.

Revised 3/2001

ZCA ZINC DUST 44