

B69D11

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION

December 3, 2009

2009a

SECTION 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

B69D11

PRODUCT NAME

ZINC CLAD® Zinc Dust (Part F)

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.

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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

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 Alkalies 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

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

No data available.

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SECTION 13 -- DISPOSAL CONSIDERATIONS

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

US Ground (DOT)

Not Regulated for Transportation.

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

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

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.