

# Mobile Paint Mfg. Co., Inc.

## SAFETY DATA SHEET OSHA HCS (29 CFR 1910-1200)

### SECTION 1 - PRODUCT AND MANUFACTURER IDENTIFICATION

Product Name: MO-ZINC #3 - GRAY COMPONENT B Product Code: 28-DH-50B

Mobile Paint Mfg. Co., Inc.  
P.O. Box 717  
4775 Hamilton Blvd.  
Theodore, AL 36582

Emergency Phone: Chemtel, Inc  
1-800-255-3924  
+1-813-248-0585  
(Chemtel 24 Hour Emergency Number)

Information Phone: 251-443-6110  
FAX: 251-408-0410

Product Use:

Not recommended for: Contact Manufacturer

### SECTION 2 - HAZARD DATA

#### GHS Ratings:

Flammable liquid 2 Flash point < 23°C and initial boiling point > 35°C (95°F)

#### GHS Hazards

#### GHS Precautions

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P233 Keep container tightly closed  
P240 Ground/bond container and receiving equipment  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction  
P403+P235 Store in a well ventilated place. Keep cool  
P501 Dispose of contents/container in accordance with all local, regional, national and international regulations.

Signal Word: Danger



### SECTION 3 - COMPOSITION / HAZARDOUS INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
zinc oxide	1314-13-2	1.00% - 5.00%

zinc powder	7440-66-6	90.00% - 100.00%
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#### SECTION 4 - FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Seek medical attention if feeling unwell or experiencing respiratory distress.

**Eyes:** Remove contact lenses if worn. Flush immediately with large amounts of water for at least 15 minutes. If symptoms persist, consult with a doctor for medical treatment.

**Skin:** Wash affected areas with soap and water. Remove and launder contaminated clothing. Consult a doctor if skin irritation continues.

**Ingestion:** Do not induce vomiting. Rinse out mouth and drink plenty of water to dilute. Never give anything by mouth to an unconscious person. Get medical help immediately.

**Most important symptoms and effects, both acute and delayed**

Symptoms: No information available.

**Indication of any immediate medical attention and special treatment needed**

Note to physicians: Treat symptomatically

#### SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

LEL:

UEL:

**Extinguishing media**

**Suitable extinguishing agents:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. CO2 extinguisher or smother with sand.

**For safety reasons unsuitable extinguishing agents:** Water

**Unusual Fire and Explosion Hazards**

Do not inhale explosion or combustion gases. Burning produces heavy smoke.

**Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

**Advice for firefighters**

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Remove undamaged containers from immediate hazard area if able to do so safely.

**Protective equipment:**

Full protective equipment including self-contained breathing apparatus should be used.

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Protect from heat.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water. Transfer wet zinc to an open container and move to an open well ventilated area to allow for drying. Store in a dry area and avoid wetting. Inform relevant authorities of spill where required. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up:**

Avoid dry sweeping or other methods which raise dust. Vacuum or wet-sweep and place into a suitable closable, labeled container for disposal. Dispose of waste via licensed waste disposal contractor.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7 - HANDLING AND STORAGE**

**Handling Precautions:**

**Precautions for safe handling**

This product should be used in accordance with good industrial safety practices and industrial hygiene standards and all local, state, federal and international regulations. Avoid creating airborne dust. Ensure adequate exhaust ventilation. Workers who handle material should wear gloves and thoroughly wash hands/forearms after exposure

**Information about protection against explosions and fires:**

Keep ignition sources away. Keep dry.

**Storage Requirements:**

Store zinc dust in original containers. Tightly reseal any open containers. Containers of zinc dust should be stored in well ventilated and dry areas to prevent the zinc dust from becoming wet. Wet material may generate hydrogen gas which can accumulate in tightly sealed containers.

**Regulatory Requirements:**

Store in accordance with all local, state, and federal regulations.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
zinc oxide 1314-13-2	PEL TWA 5 mg/m3 fume 15 mg/m3 total dust 5 mg/m3 respirable fraction	TLV STEL 10 mg/m3	Not Established
zinc powder 7440-66-6	PEL 5 mg/m3 (fumes)	Not Established	Not Established

**Engineering Controls:**

Appropriate engineering controls include ventilations systems, eyewash stations and emergency showers.

**Ventilation:**

All application areas should be ventilated in accordance to OSHA regulation 29 CFR 1910.94, 1910.107, 1910.108. Remove decomposition products formed during welding or flame cutting on surface coated with this product. If baking, vent fumes.

**Work / Hygienic Practices:**

Wash skin thoroughly before breaks and meals and at the end of work period.

**Respiratory Protection:**

Avoid creating dust. If exposure levels exceed limits, respiratory protection approved for the work being performed must be worn.

**Eye Protection:**

Safety eyewear including splashguards or side shields recommended.

**Protective Gloves:**

Recommended. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material should be based on consideration of the penetration times, rates of diffusion and the degradation.

**Other Protective Clothing or Equipment:**

Use protective outerwear and prevent prolonged skin contact with contaminated clothing.

**Contaminated Equipment:**

Thoroughly clean all contaminated clothing and personal protection equipment.

**SECTION 9 - PHYSICAL / CHEMICAL CHARACTERISTICS**

**Information on basic physical and chemical properties**

<p><b>Appearance:</b> Solid</p> <p><b>Vapor Pressure:</b> -99999 mmHg</p> <p><b>Vapor Density:</b> -99999.0</p> <p><b>Specific Gravity:</b> 7.03</p> <p><b>Freezing point:</b> No information available</p>	<p><b>Odor:</b> Odorless</p> <p><b>Odor threshold:</b> No information available</p> <p><b>pH:</b> No information available</p> <p><b>Melting point:</b> No information available</p> <p><b>Solubility:</b> No information available</p>
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<p><b>Boiling range:</b> N/A</p> <p><b>Evaporation rate:</b> slower than ether</p> <p><b>Explosive Limits:</b> 0%</p> <p><b>Autoignition temperature:</b> N/A</p> <p><b>Viscosity:</b> No information available</p> <p><b>VOC - water/exempt (lb/gal)</b> 0.00</p> <p><b>VOC emitted (lb/gal)</b> 0.00</p>	<p><b>Flash point:</b> Not Applicable</p> <p><b>Flammability:</b> No information available</p> <p><b>Partition coefficient (n- no data octanol/water):</b></p> <p><b>Decomposition temperature:</b> No information available</p> <p><b>VOC - water/exempt (g/L)</b> 0</p> <p><b>VOC emitted (g/L)</b> 0</p>
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**SECTION 10 - STABILITY AND REACTIVITY**

**Reactivity** - Stable under normal, dry conditions

**Chemical stability** - Bulk dust contact with water or damp air evolves hydrogen. the heat produced during this reaction could ignite the hydrogen. an explosive condition may exist if this happens in a confined space.

STABLE

**Possibility of Hazardous Reactions** - None under normal conditions of use.

**Conditions to Avoid** - Water, flames, and other possible sources of ignition.

**Incompatible Materials** - Strong acids and alkali, strong oxidizing agents, sulphur.

**Incompatibility of Individual Components:**

No information available

**Hazardous decomposition products** - Potential for ZnO fumes at elevated temperatures

**Information for Individual Components:**

No information available  
Hazardous polymerization will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Mixture Toxicity**  
**Component Toxicity**

**CHRONIC HEALTH HAZARDS:**  
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**Routes of Entry:**  
**Inhalation          Ingestion**

**Target Organs:**  
**No information available**

**Effects of Overexposure**

**Carcinogenicity:**  
**For Mixture** - No information available  
**For Components** - The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No information available

**SECTION 12 - ECOLOGICAL INFORMATION**

**Persistence and degradability** - No information available.  
**Bioaccumulative potential** - No information available.  
**Mobility in soil** - No information available.  
**Ecotoxic effects** - No information available.  
**Other adverse effects** - No information available.

**Additional ecological information:**

**General notes:**

Do not allow product to reach ground water, water course or sewage system . Danger to drinking water if even small quantities leak into the ground.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Component Ecotoxicity**

zinc oxide

EC50 selenastrum capricornutum (green algae): 0.17 mg/l @ 72h; LC50 oncorhynchus mykiss (rainbow trout): 1.1-2.5ppm @ 96h

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Waste disposal methods:**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Residual materials should be treated as hazardous unless proven to be otherwise.

**Notice to user:**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

**Empty Container Warning:**

Emptied containers may contain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition. Do not reuse container.

**SECTION 14 - TRANSPORT INFORMATION**

Shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transportation does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment and compliance with applicable regulations is the sole responsibility of the person offering the product for transport .

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Zinc metal			
	Packages under 1000 pounds not regulated			

**SECTION 15 - REGULATORY INFORMATION**

**California Proposition 65**

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

**CERCLA**

This material, as supplied, contains the following chemicals regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) - 40 CFR 302

- 7440-66-6 zinc powder

**Florida Hazardous Substance List :**

- None

**Hazardous Air Pollutants (HAPs) Content**

Hazardous Air Pollutants subject to the provisions of the Clean Air Act, Title I Section 112 'National Emission Standards for Hazardous Air Pollutants'

- None

**Massachusetts RTK:**

- None

**New Jersey RTK:**

- None

**Pennsylvania RTK:**

- None

**SARA 313**

This product contains a chemical or chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA 313).

- None

**TSCA**

All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory unless they are listed here:

**SECTION 16 - OTHER INFORMATION**

**Hazardous Material Information System (HMIS)**

<b>HEALTH</b>	<input type="text"/>	<b>1</b>	<b>HMIS &amp; NFPA Hazard Rating</b> <b>Legend</b> * = Chronic Health Hazard <b>0 = INSIGNIFICANT</b> <b>1 = SLIGHT</b> <b>2 = MODERATE</b> <b>3 = HIGH</b>
<b>FLAMMABILITY</b>	<input type="text"/>	<b>1</b>	
<b>PHYSICAL HAZARD</b>	<input type="text"/>	<b>1</b>	
<b>PERSONAL PROTECTION</b>	<input type="text"/>		

DISCLAIMER: The information provided in this MSDS has been obtained from sources believed to be accurate and reliable. It is furnished without warranty of any kind, express or implied. Recipients should determine that the information is current and suitable for the protection of the environment and the health and safety of your employees and users of this product.

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Reviewer Revision 1

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