

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** 1472 Zone Marking Paint Lead Free Waterborne Series (100, 131, 132, 134, 135)  
**Other means of identification** None.  
**Recommended use** Architectural Coating  
**Recommended restrictions** None known.  
**Manufacturer/Importer/Supplier/Distributor information**  
**Company name** Kelly-Moore Paint Co., Inc.  
**Address** 987 Commercial St., San Carlos, CA 94070  
**Telephone** 1-800-874-4436  
**E-mail** TAlvarez@kellymoore.com  
**Contact person** Tiffany Alvarez  
**Emergency phone number** CHEMTREC: 1-800-424-9300

## 2. Hazard(s) identification

**Physical hazards** Not classified.  
**Health hazards** Specific target organ toxicity, single exposure Category 1  
**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger  
**Hazard statement** Causes damage to organs.  
**Precautionary statement**  
**Prevention** Do not breathe mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.  
**Response** Wash hands after handling. If exposed or concerned: Call a poison center/doctor.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** This product contains Methanol at less than 5% which is classified for Specific Target Organ Toxicity (See Section 11).

## 3. Composition/information on ingredients

### Mixtures

| Chemical name    | CAS number | %    |
|------------------|------------|------|
| Titanium dioxide | 13463-67-7 | 5-10 |
| Carbon black     | 1333-86-4  | 1-5  |
| Methanol         | 67-56-1    | 1-5  |
| Quartz           | 14808-60-7 | <0.3 |

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

## 4. First-aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

|   |  |
|---|--|
| <b>Skin contact</b>   | Wash off with soap and water. Get medical attention if irritation develops and persists.   |
| <b>Eye contact</b>  | Rinse with water. Get medical attention if irritation develops and persists.   |
| <b>Ingestion</b>  | Rinse mouth. Get medical attention if symptoms occur.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Coughing.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.   |
| <b>General information</b>  | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                      |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.   |

## 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Avoid inhalation of vapors and contact with skin and eyes. Wear appropriate personal protective equipment (See Section 8).  |
| <b>Methods and materials for containment and cleaning up</b>               | Should not be released into the environment. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.<br><br>Large Spills: Absorb in vermiculite, dry sand or earth and place into containers.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. This product is moderately soluble in water. |
| <b>Environmental precautions</b>   | Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.   |

## 7. Handling and storage

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).   |

## 8. Exposure controls/personal protection

|                                     |  |
|-------------------------------------|--|
| <b>Occupational exposure limits</b> | No exposure limits noted for ingredient(s).                |
| <b>Biological limit values</b>      | No biological exposure limits noted for the ingredient(s). |
| <b>Exposure guidelines</b>          |  |

### US - California OELs: Skin designation

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

Methanol (CAS 67-56-1)

Skin designation applies.

**US - Tennessee OELs: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**US. NIOSH: Pocket Guide to Chemical Hazards**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Use safety glasses, goggles, or face shield to protect eyes.

**Skin protection****Hand protection**

Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

**Other**

Wear suitable protective clothing.

**Respiratory protection**

Use NIOSH certified, air purifying respirators with N-, P-, or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. protection provided by air-purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance with OSHA General Industry Standard 29 CFR 1910.134. Consult a qualified industrial hygienist or Safety Professional for respirator selection guidance.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance**

Milky white to colored liquid.

**Physical state**

Liquid.

**Form**

Liquid.

**Color**

Various.

**Odor**

Slightly ammoniacal.

**Odor threshold**

Not available.

**pH**

7 - 10

**Melting point/freezing point**

Not available.

**Initial boiling point and boiling range**

Not available.

**Flash point**

Not available.

**Evaporation rate**

&lt; 1 (n-BuAc=1)

**Flammability (solid, gas)**

Not applicable.

**Upper/lower flammability or explosive limits****Flammability limit - lower (%)**

Not available.

**Flammability limit - upper (%)**

Not available.

**Explosive limit - lower (%)**

Not available.

**Explosive limit - upper (%)**

Not available.

**Vapor pressure**

Not available.

**Vapor density**

&gt; 1 (Air=1)

**Relative density**

Not available.

**Solubility(ies)****Solubility (water)**

Moderately soluble

|  |                |
|--|----------------|
| <b>Partition coefficient (n-octanol/water)</b> | Not available. |
| <b>Auto-ignition temperature</b>               | Not available. |
| <b>Decomposition temperature</b>               | Not available. |
| <b>Viscosity</b>                               | Not available. |
| <b>Other information</b>                       |                |
| <b>Explosive properties</b>                    | Not explosive. |
| <b>Oxidizing properties</b>                    | Not oxidizing. |
| <b>VOC (Weight %)</b>                          | 26.08 - 76 g/L |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity Chemical stability Possibility of hazardous reactions</b> | The product is stable and non-reactive under normal conditions of use, storage and transport.<br>Material is stable under normal conditions.<br>No dangerous reaction known under conditions of normal use. |
| <b>Conditions to avoid</b>  | Contact with incompatible materials.  |
| <b>Incompatible materials</b>   | Acids. Fluorine.  |
| <b>Hazardous decomposition products</b>                                 | Carbon oxides.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause damage to organs by inhalation. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.                           |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation.                       |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.   |

**Symptoms related to the physical, chemical and toxicological characteristics** Coughing.

### Information on toxicological effects

|  |  |
|--|--|
| <b>Acute toxicity</b>                    | Not available.   |
| <b>Skin corrosion/irritation</b>         | Prolonged skin contact may cause temporary irritation.   |
| <b>Serious eye damage/eye irritation</b> | Direct contact with eyes may cause temporary irritation. |

### Respiratory or skin sensitization

|                                  |   |
|----------------------------------|---|
| <b>Respiratory sensitization</b> | Not a respiratory sensitizer.                             |
| <b>Skin sensitization</b>        | This product is not expected to cause skin sensitization. |

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** May cause cancer. Inhalation of carbon black or titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely. Inhalation of quartz dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

### IARC Monographs. Overall Evaluation of Carcinogenicity

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Carbon black (CAS 1333-86-4)      | 2B Possibly carcinogenic to humans. |
| Quartz (CAS 14808-60-7)           | 1 Carcinogenic to humans.           |
| Titanium dioxide (CAS 13463-67-7) | 2B Possibly carcinogenic to humans. |

### NTP Report on Carcinogens

|                         |                               |
|-------------------------|-------------------------------|
| Quartz (CAS 14808-60-7) | Known To Be Human Carcinogen. |
|-------------------------|-------------------------------|

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Causes damage to organs.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.  
**Chronic effects** Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.  
**Persistence and degradability** No data is available on the degradability of this product.  
**Bioaccumulative potential** No data available.  
**Mobility in soil** This product is moderately water soluble and may disperse in soil.  
**Other adverse effects** None known.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Local disposal regulations** Dispose in accordance with all applicable regulations.  
**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  
**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

**DOT**  
Not regulated as dangerous goods.

**IATA**  
Not regulated as dangerous goods.

**IMDG**  
Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Methanol (CAS 67-56-1) LISTED

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

### SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|---------------|------------|----------|
| Methanol      | 67-56-1    | 1-5      |

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Methanol (CAS 67-56-1)

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

## US state regulations

WARNING: This product contains chemicals known to the State of California to cause cancer.

### US. Massachusetts RTK - Substance List

Calcium carbonate (CAS 1317-65-3)

Carbon black (CAS 1333-86-4)

Kaolin (CAS 1332-58-7)

Methanol (CAS 67-56-1)

Quartz (CAS 14808-60-7)

Titanium dioxide (CAS 13463-67-7)

### US. New Jersey Worker and Community Right-to-Know Act

Calcium carbonate (CAS 1317-65-3)

Carbon black (CAS 1333-86-4)

Kaolin (CAS 1332-58-7)

Methanol (CAS 67-56-1)

Quartz (CAS 14808-60-7)

Titanium dioxide (CAS 13463-67-7)

### US. Pennsylvania Worker and Community Right-to-Know Law

Calcium carbonate (CAS 1317-65-3)

Carbon black (CAS 1333-86-4)

Kaolin (CAS 1332-58-7)

Methanol (CAS 67-56-1)

Quartz (CAS 14808-60-7)

Titanium dioxide (CAS 13463-67-7)

### US. Rhode Island RTK

Methanol (CAS 67-56-1)

### US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Methanol (CAS 67-56-1)

Quartz (CAS 14808-60-7)

## International Inventories

| Country(s) or region        | Inventory name                                | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes                    |

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 09-December-2015

**Revision date** -

**Version #** 01

**HMIS® ratings**  
Health: 2\*  
Flammability: 1  
Physical hazard: 0

**Disclaimer** Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.