# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

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|---|---|
| **Material name** | **750 KEL-PRO ZERO VOC Semi Gloss 123 Light & Medium Base** |
| **Version #** | 01 |
| **Issue date** | 12-November-2013 |
| **Revision date** | - |
| **Supersedes date** | - |
| **CAS #** | Mixture |
| **Product code** | 750-123 |
| **Product use** | Paint. |
| **Manufacturer/Supplier** | Kelly-Moore Paint Co., Inc. |
| **Address** | 987 Commercial St., San Carlos, CA 94070 |
| **Telephone** | 1-800-874-4436 |
| **E-mail** | rstetson@kellymoore.com |
| **Emergency phone number** | CHEMTREC: 1-800-424-9300 |

## 2. Hazards Identification

| | |
|---|---|
| **Physical state** | Liquid. |
| **Appearance** | Milky white to colored liquid. |
| **Emergency overview** | CAUTION<br><br>Prolonged or repeated contact may dry skin and cause irritation. |
| **OSHA regulatory status** | This product is hazardous according to OSHA 29 CFR 1910.1200. |
| **Potential health effects** | |
| **Routes of exposure** | Inhalation. Skin contact. |
| **Eyes** | Direct contact with eyes may cause temporary irritation. |
| **Skin** | Prolonged or repeated contact may dry skin and cause irritation. |
| **Inhalation** | Prolonged inhalation may be harmful. |
| **Ingestion** | Ingestion may cause irritation and malaise. |
| **Target organs** | Central nervous system. Skin. |
| **Chronic effects** | Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain. |
| **Signs and symptoms** | Defatting of the skin. Vapors may cause drowsiness and dizziness. |
| **Potential environmental effects** | 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. |

## 3. Composition / Information on Ingredients

| Components | CAS # | Percent |
|---|---|---|
| Crystalline silica | 14808-60-7 | <11 |
| Titanium dioxide | 13463-67-7 | <3 |

**Composition comments** Components not listed are either non-hazardous or are below reportable limits. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First Aid Measures

**First aid procedures**

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| **Eye contact** | Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist. |
| **Skin contact** | Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. Get medical attention if irritation persists after washing. |

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| **Inhalation** | Move to fresh air. Oxygen or artificial respiration if needed. Get medical attention if any discomfort continues. |
| **Ingestion** | Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. |
| **Notes to physician** | Treat symptomatically. |
| **General advice** | 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

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| **Flammable properties** | The product is not flammable. |
| **Extinguishing media** | |
| **Suitable extinguishing media** | Extinguish with foam, carbon dioxide, dry powder or water fog. |
| **Unsuitable extinguishing media** | Do not use water jet as an extinguisher, as this will spread the fire. |
| **Protection of firefighters** | |
| **Protective equipment and precautions for firefighters** | Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| **Fire fighting equipment/instructions** | Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool. |

## 6. Accidental Release Measures

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| **Personal precautions** | Avoid inhalation of vapors and contact with skin and eyes. Wear appropriate personal protective equipment (See Section 8). |
| **Environmental precautions** | Prevent further leakage or spillage if safe to do so. Do not contaminate water. |
| **Methods for containment** | Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas. |
| **Methods for cleaning up** | Should not be released into the environment.<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. Following product recovery, flush area with water.<br><br>Never return spills in original containers for re-use. For waste disposal, see Section 13 of the MSDS. |

## 7. Handling and Storage

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|---|---|
| **Handling** | Provide adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices. |
| **Storage** | Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials. |

## 8. Exposure Controls / Personal Protection

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| **Occupational exposure limits** | No exposure limits noted for ingredient(s). |
| **Engineering controls** | Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. |
| **Personal protective equipment** | |
| **Eye / face protection** | Use safety glasses, goggles, or face shield to protect eyes. |
| **Skin protection** | Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. |
| **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. |

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| **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 & Chemical Properties

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|---|---|
| **Appearance** | Milky white to colored liquid. |
| **Physical state** | Liquid. |
| **Form** | Liquid. |
| **Color** | Various. |
| **Odor** | Slightly ammoniacal. |
| **Odor threshold** | Not available. |
| **pH** | Not available. |
| **Vapor pressure** | Not available. |
| **Vapor density** | > 1 (Air=1) |
| **Boiling point** | Not available. |
| **Melting point/Freezing point** | Not available. |
| **Solubility (water)** | Moderately soluble |
| **Specific gravity** | > 1 |
| **Flash point** | Not available. |
| **Flammability limits in air, upper, % by volume** | Not available. |
| **Flammability limits in air, lower, % by volume** | Not available. |
| **Auto-ignition temperature** | Not available. |
| **Evaporation rate** | < 1 (n-BuAc=1) |

## 10. Chemical Stability & Reactivity Information

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| **Chemical stability** | Material is stable under normal conditions. |
| **Conditions to avoid** | Contact with incompatible materials. |
| **Incompatible materials** | Strong oxidizing agents. Strong acids. |
| **Hazardous decomposition products** | Carbon oxides. Silicon oxides. |
| **Possibility of hazardous reactions** | Will not occur. |

## 11. Toxicological Information

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| **Sensitization** | Not a skin sensitizer. |
| **Acute effects** | In high concentrations, vapors and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. Ingestion may cause irritation and malaise. |
| **Chronic effects** | Prolonged or repeated contact may dry skin and cause dermatitis. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain. |
| **Carcinogenicity** | Potentially carcinogenic components are typically only present in trace amounts. Due to the form of the product, exposure to the potentially carcinogenic components is not expected. |

**ACGIH Carcinogens**

| | |
|---|---|
| Crystalline silica (CAS 14808-60-7) | A2 Suspected human carcinogen. |
| Iron oxide (CAS 1309-37-1) | A4 Not classifiable as a human carcinogen. |
| Titanium dioxide (CAS 13463-67-7) | A4 Not classifiable as a human carcinogen. |

**IARC Monographs. Overall Evaluation of Carcinogenicity**

| | |
|---|---|
| Crystalline silica (CAS 14808-60-7) | 1 Carcinogenic to humans. |
| Iron oxide (CAS 1309-37-1) | 3 Not classifiable as to carcinogenicity to humans. |
| Titanium dioxide (CAS 13463-67-7) | 2B Possibly carcinogenic to humans. |

**US NTP Report on Carcinogens: Known carcinogen**

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

| | |
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| **Further information** | Components of the product may be absorbed into the body through the skin. |

## 12. Ecological Information

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|---|---|
| **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. |
| **Environmental effects** | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |
| **Persistence and degradability** | No data is available on the degradability of this product. |
| **Bioaccumulation / Accumulation** | No data available. |
| **Mobility in environmental media** | The product is miscible with water. May spread in water systems. |

## 13. Disposal Considerations

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|---|---|
| **Waste codes** | Not regulated. |
| **Disposal instructions** | Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations. |
| **Waste from residues / unused products** | Dispose in accordance with applicable federal, state, and local regulations. |
| **Contaminated packaging** | Since emptied containers may retain product residue, follow label warnings even after container is emptied. |

## 14. Transport Information

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations** This product is hazardous according to OSHA 29 CFR 1910.1200.

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

Not regulated.

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

Not regulated.

**CERCLA (Superfund) reportable quantity**

None

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

| | |
|---|---|
| **Hazard categories** | Immediate Hazard - No<br>Delayed Hazard - Yes<br>Fire Hazard - No<br>Pressure Hazard - No<br>Reactivity Hazard - No |
| **Section 302 extremely hazardous substance (40 CFR 355, Appendix A)** | No |
| **SARA 311/312 Hazardous chemical** | Yes |

**Inventory status**

| 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).

**State regulations** WARNING: This product contains a chemical known to the State of California to cause cancer.

**US - California Hazardous Substances (Director's): Listed substance**

| | |
|---|---|
| Iron oxide (CAS 1309-37-1) | Listed. |

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

| | |
|---|---|
| Crystalline silica (CAS 14808-60-7) | Listed: October 1, 1988 Carcinogenic. |

**US - New Jersey RTK - Substances: Listed substance**

| | |
|---|---|
| Crystalline silica (CAS 14808-60-7) | Listed. |
| Iron oxide (CAS 1309-37-1) | Listed. |
| Titanium dioxide (CAS 13463-67-7) | Listed. |

**US. Massachusetts RTK - Substance List**

| | |
|---|---|
| Crystalline silica (CAS 14808-60-7) | Listed. |
| Iron oxide (CAS 1309-37-1) | Listed. |
| Titanium dioxide (CAS 13463-67-7) | Listed. |

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

Not regulated.

**US. Pennsylvania RTK - Hazardous Substances**

| | |
|---|---|
| Crystalline silica (CAS 14808-60-7) | Listed. |
| Iron oxide (CAS 1309-37-1) | Listed. |
| Titanium dioxide (CAS 13463-67-7) | Listed. |

## 16. Other Information

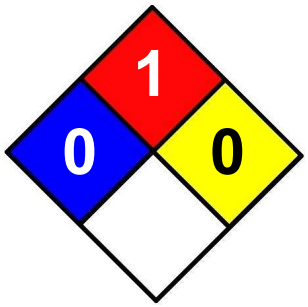
**Further information**

HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**

Health: 1*
Flammability: 1
Physical hazard: 0

**NFPA Ratings**




**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available.