1. Product and Company Identification

Material name: 1630 KEL-COTE ALKYD SEMI-GLOSS ENAMEL 555 BASE BASE
Version #: 01
Revision date: 01-06-2011
CAS #: Mixture
Product code: 1620-111
Product use: Paint.
Manufacturer/Supplier: Kelly-Moore Paint Co., Inc.
987 Commercial St., San Carlos, CA 94070
E-mail: rstetson@kellymoore.com
Telephone number: 1-800-874-4436
Contact Person: Robert Stetson

Emergency: Emergency Telephone Number: 1-800-424-9300

2. Hazards Identification

Physical state: Liquid.
Appearance: Milky white to colored liquid.
Emergency overview: CAUTION
Combustible liquid and vapor.
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

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>8052-41-3</td>
<td>&lt;17</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliphatic</td>
<td>64742-88-7</td>
<td>&lt;6</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), heavy aromatic</td>
<td>64742-94-5</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Cobalt neodecanoate</td>
<td>27253-31-2</td>
<td>&lt;0.2</td>
</tr>
</tbody>
</table>

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:

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.

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

Flammable properties
Combustible liquid and vapor.

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
Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

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
Eliminate all ignition sources. 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.

Large Spills: Absorb in vermiculite, dry sand or earth and place into containers.

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.

Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.

7. Handling and Storage

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
Keep away from heat, sparks, and flame. Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (8052-41-3)</td>
<td>TWA</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent (8052-41-3)</td>
<td>PEL</td>
<td>500 ppm</td>
</tr>
</tbody>
</table>

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**
Wear approved safety goggles.

**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.

**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

**Appearance**
Milky white to colored liquid.

**Color**
Various.

**Odor**
Slightly ammoniacal.

**Odor threshold**
Not available.

**Physical state**
Liquid.

**Form**
Liquid.

**pH**
Not available.

**Melting point**
Not available.

**Freezing point**
Not available.

**Boiling point**
Not available.

**Flash point**
105 °F (40.6 °C)

**Evaporation rate**
< 1 (n-BuAc=1)

**Flammability limits in air, upper, % by volume**
Not available.

**Flammability limits in air, lower, % by volume**
Not available.

**Vapor pressure**
Not available.

**Vapor density**
> 1 Air = 1

**Specific gravity**
Not available.

**Solubility (water)**
Moderately soluble

**Partition coefficient (n-octanol/water)**
Not available.

**Auto-ignition temperature**
Not available.

**Decomposition temperature**
Not available.

10. Chemical Stability & Reactivity Information

**Chemical stability**
Material is stable under normal conditions.

**Conditions to avoid**
Contact with incompatible materials. Keep away from heat, sparks, and flame.

**Incompatible materials**
Strong oxidizing agents. Strong acids.

**Hazardous decomposition products**
Carbon oxides. Silicon oxides.

**Possibility of hazardous reactions**
Will not occur.

11. Toxicological Information

**Toxicological data**

<table>
<thead>
<tr>
<th>Product</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1630 KEL-COTE ALKYD SEMI-GLOSS ENAMEL 555 BASE BASE (Mixture)</td>
<td>Acute Inhalation LC50 Rat: 14750 mg/m3 estimated</td>
</tr>
</tbody>
</table>
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.

Local effects

US ACGIH Threshold Limit Values: Skin designation
Benzene (CAS 71-43-2) Can be absorbed through the skin.

Sensitization
Not a skin sensitizer.

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
Benzene (CAS 71-43-2) A1 Confirmed human carcinogen.
Cobalt neodecanoate (CAS 27253-31-2) A3 Confirmed animal carcinogen with unknown relevance to
humans.
Crystalline silica (CAS 14808-60-7) A2 Suspected human carcinogen.
Ethylbenzene (CAS 100-41-4) A3 Confirmed animal carcinogen with unknown relevance to
humans.
Toluene (CAS 108-88-3) A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity
Benzene (CAS 71-43-2) 1 Carcinogenic to humans.
Cobalt neodecanoate (CAS 27253-31-2) 2B Possibly carcinogenic to humans.
Crystalline silica (CAS 14808-60-7) 1 Carcinogenic to humans.
Ethylbenzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.
Stoddard solvent (CAS 8052-41-3) 3 Not classifiable as to carcinogenicity to humans.
Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans.

US NTP Report on Carcinogens: Known carcinogen
Benzene (CAS 71-43-2) Known carcinogen.
Crystalline silica (CAS 14808-60-7) Known carcinogen.

US OSHA Specifically Regulated Substances: Cancer hazard
Benzene (CAS 71-43-2) Cancer hazard.

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

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.

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.

Partition coefficient
(n-octanol/water)
Not available.

13. Disposal Considerations

Waste codes
D001: Waste Flammable material with a flash point <140 °F

US RCRA Hazardous Waste U List: Reference
Benzene (CAS 71-43-2) U019
Toluene (CAS 108-88-3) U220

Disposal instructions
Do not allow this material to drain into sewers/water supplies. This product, in its present state,
when discarded or disposed of, may be 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
Basic shipping requirements:
- UN number: UN1263
- Proper shipping name: Paint
- Hazard class: Combustible Liquid
- Labels required: 3
Additional information:
- Special provisions: B1, B52, IB3, T2, TP1
- Packaging exceptions: 150
- Packaging non bulk: 173
- Packaging bulk: 242

IATA
Basic shipping requirements:
- UN number: 1263
- Proper shipping name: Paint
- Hazard class: III
- Packing group: F-E, S-E*

IMDG
Basic shipping requirements:
- UN number: 1263
- Proper shipping name: PAINT
- Hazard class: 3
- Packing group: III
- EmS No.: F-E, S-E*

15. Regulatory Information

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

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration
- Benzene (CAS 71-43-2) 0.1 %
- Ethylbenzene (CAS 100-41-4) 0.1 %
- Toluene (CAS 108-88-3) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
- Benzene (CAS 71-43-2) Listed.
- Ethylbenzene (CAS 100-41-4) Listed.
- Toluene (CAS 108-88-3) Listed.

CERCLA (Superfund) reportable quantity (lbs)
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
No

Inventory status
Country(s) or region  Inventory name  On inventory (yes/no)*
- Australia  Australian Inventory of Chemical Substances (AICS)  No
- Canada  Domestic Substances List (DSL)  No
<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

State regulations

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

**US - California Hazardous Substances (Director's): Listed substance**
- Benzene (CAS 71-43-2) Listed.
- Cobalt neodecanoate (CAS 27253-31-2) Listed.
- Ethylbenzene (CAS 100-41-4) Listed.
- Stoddard solvent (CAS 8052-41-3) Listed.
- Toluene (CAS 108-88-3) Listed.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**
- Crystalline silica (CAS 14808-60-7) Listed: October 1, 1988 Carcinogenic.
- Ethylbenzene (CAS 100-41-4) Listed: June 11, 2004 Carcinogenic.

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

**US - California Proposition 65 - CRT: Listed date/Female reproductive toxin**

**US - California Proposition 65 - CRT: Listed date/Male reproductive toxin**
- Benzene (CAS 71-43-2) Listed: December 26, 1997 Male reproductive toxin.

**US - Massachusetts RTK - Substance: Listed substance**
- Benzene (CAS 71-43-2) Listed.
- Crystalline silica (CAS 14808-60-7) Listed.
- Ethylbenzene (CAS 100-41-4) Listed.
- Limestone (CAS 1317-65-3) Listed.
- Stoddard solvent (CAS 8052-41-3) Listed.
- Toluene (CAS 108-88-3) Listed.

**US - New Jersey Community RTK (EHS Survey): Reportable threshold**
- Benzene (CAS 71-43-2) 500 LBS
- Cobalt neodecanoate (CAS 27253-31-2) 500 LBS
- Ethylbenzene (CAS 100-41-4) 500 LBS
- Toluene (CAS 108-88-3) 500 LBS

**US - New Jersey RTK - Substances: Listed substance**
- Benzene (CAS 71-43-2) Listed.
- Cobalt neodecanoate (CAS 27253-31-2) Listed.
- Crystalline silica (CAS 14808-60-7) Listed.
- Ethylbenzene (CAS 100-41-4) Listed.
- Stoddard solvent (CAS 8052-41-3) Listed.
- Toluene (CAS 108-88-3) Listed.

**US - Pennsylvania RTK - Hazardous Substances: Listed substance**
- Benzene (CAS 71-43-2) Listed.
- Crystalline silica (CAS 14808-60-7) Listed.
- Ethylbenzene (CAS 100-41-4) Listed.
- Limestone (CAS 1317-65-3) Listed.
- Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5) Listed.
- Stoddard solvent (CAS 8052-41-3) Listed.
16. Other Information

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

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

NFPA ratings
Health: 0
Flammability: 2
Instability: 0

Disclaimer
The information in the sheet was written based on the best knowledge and experience currently available. Additional information is given in the Material Safety Data Sheet.

Issue date
01-06-2011