

Safety Data Sheet

Per GHS Standard Format

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: K-M Professional Modern Wood Finish Timber Tones Semi-Transparent Exterior Alkyd Stain No. 57-0 Clear

Recommended Use of Product: Penetrating exterior stain for wood siding, trim, fences and other Exterior wood surfaces

Information on the Supplier of the Safety Data Sheet

Manufactured For:
Kelly-Moore Paints
1011 Commercial Street
San Carlos, CA 94070
P: 650-610-4253

Manufacturer's Information:
Emergency Telephone Numbers:
CHEM TEL: (U.S.): 1-800-255-3924
(Outside the U.S.): 813-248-0585

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: **WARNING**



GHS Label Statements

Hazard Statements:
Flammable liquid and vapor
May be harmful if swallowed
Can cause skin irritation
Can cause serious eye irritation
May cause respiratory irritation

Classification

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquid, Category 3
Acute Toxicity, Dermal, Category 4
Skin Irritation, Category 2
Acute Toxicity, Inhalation, Category 4
Organic Peroxide, Categories C, D
Aspiration Hazard, Category 2
Eye Irritation, Category 2B
Acute Toxicity, Oral, Category 2
Acute Toxicity, Dermal, Category 1

PRECAUTIONARY STATEMENTS

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection (eye protection, gloves) during application. When grinding/sanding dry films, wear respiratory protection.

Response: If on skin, wash with plenty of soap and water. If in eyes, rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If inhaled, remove victim to fresh air. If exposed or concerned, get medical advice. Repeated exposures can cause drying & chapping.

Storage: Keep closures tight and containers upright to prevent leakage. Product is combustible.

Disposal: The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should be sealed and labeled and land-filled or incinerated according to local, regional and national regulations.

Hazards Not Otherwise Classified (NHOC): Not applicable

Other Information: Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Weight, %**</u>
3-iodo-2-propynyl butyl carbamate	55406-53-6	0.1-1.0%
Mineral spirits	64742-47-8	10-40
2-butoxy ethanol	111-76-2	2-7

****The exact concentration of composition has been withheld as a trade secret.**

SECTION 4: FIRST AID MEASURES

General Advice

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. Remove and isolate contaminated clothing and shoes at the site and place in metal container filled with water. Fire hazard if allowed to dry.

Eye Contact

If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

Skin Contact

Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. May cause an allergic skin reaction. Launder exposed clothing before reuse.

Inhalation

Remove to fresh air. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration. Get medical attention immediately. If not breathing, give artificial respiration. Do not breathe dust.

Ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects

Burning sensation. Coughing and/or wheezing. Difficulty in breathing. Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically. May cause sensitization of susceptible persons.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY PROPERTIES

Flashpoint: >120°F; will not support combustion at ambient temperatures

Flammable Limits: LEL:0.7; UEL: 5.4

Auto ignition temperature: 686°F

FIREFIGHTING PROCEDURES

General Hazard: During a fire smoke may contain the original material in addition to toxic and or irritating compounds. Avoid heat sparks or open flame. Decomposition releases oxygen, which can intensify the fire. Highly flammable vapors – may cause a floating fire hazard

Firefighting Instructions: For small (incipient) fires, use media such as “alcohol” foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

Firefighting Equipment: Firefighters should wear NIOSH/MSHA approved self-contained, positive pressure breathing apparatus and full protective clothing.

Hazardous Combustion Products: During fire, smoke may contain the original material in addition to toxic and/or irritating compounds. Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

Unusual Fire and Explosion Hazards: Not established

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Avoid breathing vapors or mists. Avoid generation of dust.

Other Information

Refer to protective measures listed in Sections 7 & 8

Environmental Precautions

Environmental Precautions

Refer to protective measures listed in Sections 7 & 8.

Methods and Material for Containment and Cleaning Up

Methods for Containment

Prevent further leakage or spillage if safe to do so

SECTION 7: HANDLING AND STORAGE**Precautions for Safe Handling****Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Avoid breathing vapors or mists. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse. Keep away from contact with clothing and other combustible materials to avoid fire.

Conditions for Safe Storage, Including any Incompatibilities**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible Products

None known based on information supplied

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral spirits 64742-47-8	TWA STEL 1100ppm	TWA STEL 100ppm/525 mg/m ³	TWA STEL 350 mg/m ³
2-butoxy ethanol 111-76-2	TWA 20 ppm	PEL 50 ppm	No data available
3-iodo-2-propynyl Butyl carbamate 554-06-53-6	Not established	Not established	Not established

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters

Appropriate Engineering Controls**Engineering Measures**

Showers / Eyewash Stations / Ventilation Systems

Individual Protection Measures, such as Personal Protective Equipment**Eye/Face Protection**

If splashes are likely to occur, wear safety glasses with side shields (or goggles). None required for consumer use.

Skin and body Protection

Wear protective gloves and protective clothing

Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Viscous liquid

Odor: Petroleum

Appearance: Clear

Odor Threshold: No information available

Color: No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	N/A	None known
Melting/freezing point	No data available	None known
Boiling point/boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Miscible in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Auto ignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing properties	No data available	
<u>Other Information</u>		
Softening Point	No data available	
VOC Content (%)	No data available	
Particle size	No data available	
Particle size distribution	No data available	

SECTION 10: STABILITY AND REACTIVITY**Reactivity**

No data available

Conditions to Avoid

Excessive heat

Chemical Stability

Stable under recommended storage conditions

Incompatible Materials

None known based on information supplied

Possibility of Hazardous Reactions

None under normal processing

Hazardous Decomposition Products

Carbon oxides

Hazardous Polymerization

Hazardous polymerization does not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

This presents an acute toxicity hazard based on known or supplied information

Inhalation

Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. Harmful by inhalation (based on components).

Eye Contact

Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. May cause redness, itching, and pain. May cause eye irritation.

Skin Contact

Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Ingestion

Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

<i>Chemical Name</i>	<i>Oral LD50</i>	<i>Dermal LD50</i>	<i>Inhalation LC50</i>
Mineral spirits 64742-47-8	No data available	No data available	Inh (Rat) LC50 3400 ppm / 4 hr
2-butoxy ethanol 111-76-2	1,300 mg/kg (Rat)	>2000 mg/kg (Rat)	4.9 mg/L 3 hr
3-iodo-2-propynyl butyl Carbamate – 55406-53-6	LD50 (oral, Rat) >2000 mg/kg	LD50 (dermal, Rabbit) >2000	LC50 (Rat, 4 hr) >2.04 mg/L

Information on Toxicological Effects

Symptoms

May cause redness and tearing of the eyes, coughing and/or wheezing, itching, rashes and hives.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Sensitization

May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects

No information available

Carcinogenicity

No data available

Reproductive Toxicity, STOT Single Exposure, STOT Repeated Exposure:

No information available

Chronic Toxicity

No data available

Target Organ Effects

Eyes, respiratory system, skin, gastrointestinal tract (GI) & lungs.

Aspiration Hazard

No information available

Numerical Measures of Toxicity Product Information

No data available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

<i>Chemical Name</i>	<i>Toxicity to Algae</i>	<i>Toxicity to Fish</i>	<i>Toxicity to Microorganisms</i>	<i>Daphnia Magna (Water Flea)</i>
2-butyoxy ethanol 111-76-2	No data available	LC50 1.474 mg/L 96 hr	No data available	EC50 48 hr 1.550 mg/L
3-iodo-2-propynyl butyl carbamate – 55406-53-6	No data available	LC50 (Rainbow trout, 96 hr flow-through) 67 µg/l EC50 (Daphnia magna, 49 hr) 0.16 mg/l EC50 (Scenedesmus subspicatus, 72 hr) 22 µg/l	No data available	No data available

Persistence and Degradability

No information available

Bioaccumulation

No data available

Other Adverse Effects

No information available

Waste Treatment Methods

Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

SECTION 13: DISPOSAL CONSIDERATIONS

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations

California Hazardous Waste Codes

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SECTION 14: TRANSPORT INFORMATION

DOT

UN number: 1268 Class: 3 Packing Group: III
Proper shipping name: Petroleum Distillates, n.o.s.
Marine Pollutant: No
Poison Inhalation Hazard: No

IMDG/IMO

UN number: 1268 Class: 3 Packing group: III EMS-No: F-E, S-E
Proper shipping name: Petroleum Distillates, n.o.s.
Marine Pollutant: No

IATA

UN number: 1268 Class: 3 Packing Group: III
Proper shipping name: Petroleum distillates, n.o.s.

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations**US Federal Regulations:**

OSHA standards require that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheet (SDS) sheets, training and access to written records. We request that you, as per your legal duty to, make all information in this SDS available to your employees and those who handle or consume the products. To aid our customers in complying with regulatory requirements regulatory information for components of this product are indicated below:

OSHA Hazards

Flammable Liquid

SARA 311/312 Hazards

Fire Hazard

Pennsylvania Right To Know Components

None

New Jersey Right To Know Components

None

California Prop. 65 Components

This product contains no chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

US State Regulations**California Proposition 65**

This product contains no Proposition 65 chemicals:

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Mineral spirits – 64742-47-8	X	X	X	X	
2-butoxy ethanol – 111-76-2	X	X	X		
3-iodo-2-propynyl butyl carbamate 55406-53-6	X	X	X		

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 3	Instability 0	Physical and Chemical Hazards Personal Protection
HMIS	Health Hazards 2	Flammability 3	Physical Hazard 0	H

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead