

Material Safety Data Sheet

Revision Date: 09 Sept. 2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Description: **Natural-Kote™**
Soy-Based Wood Stain
Material Code: F04-91-1

Manufacturer Name:
A&L Paint Co., LLC
112 Four Wheel Dr. Ste. 2
Rebersburg, PA. 16872
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2. HAZARDS IDENTIFICATION

Emergency Overview:

WARNING!

May cause skin irritation and/or dermatitis
Mild eye irritation
Irritating to respiratory system

Appearance: White

Physical State: Liquid

Odor: Mild, Vegetable Oil

Primary Routes of Entry: Skin contact, Ingestion, Inhalation, Eye contact.

Acute Effects

Eyes: Mild eye irritant,
Skin: Mild skin irritant, Repeated exposure may cause skin dryness or cracking.
Inhalation: Harmful by inhalation, Inhalation of vapors in high concentration may cause irritation of respiratory system, Inhalation of aerosols may cause lung injury.
Ingestion: Ingestion (Swallowing) may irritate the mouth, throat and stomach. Ingestion is not an anticipated route of exposure for this material in industrial use.

Chronic Effects: This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

Target Organ(s): Lungs.

HMS: Health: 1 Flammability: 0 Reactivity: 0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %	Status
Proprietary Resin	Proprietary	9 - 10	Not Hazardous
Water	7732-18-5	83 - 85	Not Hazardous
Other Proprietary additives	Proprietary	5 - 10	Not Hazardous

Additional Information: HMRC registration information concerning the confidential component(s) indicated above, can be found in section 15. * The Alkyd Resin is considered to be controlled for Canadian regulatory purposes.

4. FIRST AID MEASURES

Skin Contact: Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation develops or persists.

Eye Contact: Move individual away from exposure. Immediately flush eyes with large quantities of clean water for at least 15 minutes. Get immediate medical attention.

Inhalation: Remove person to fresh air. If signs/symptoms continue, get medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention/advice.

5. FIRE-FIGHTING MEASURES

Flammability: Not applicable.

Suitable Extinguishing Media: Carbon dioxide (CO₂), Foam, Dry chemical, Water spray.

Fire/Explosion Hazard: This material will not burn unless it is evaporated to dryness.

Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazard while extinguishing the blaze. Use water spray to cool fire-exposed containers.

NFPA Rating: Health 1 Flammability 0 Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods for Containment: Prevent spilled material from 1) contaminating soil, 2) entering sanitary sewers, storm sewers, and drainage systems, and 3) entering bodies of water or ditches that lead to waterways. Prevent spreading over a wide area (e.g. by containment or oil barriers).

Methods for Clean-up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling: Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product. Ensure adequate ventilation.

Storage: Keep from freezing. Keep container tightly closed. Keep in a dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

The Occupational Safety and Health Administration (OSHA), has established for inert or nuisance dusts, a Permissible Exposure Limit (PEL) of 15 mg/m³, total dust or 5 mg/m³, respirable fraction for an 8 hour Time Weighted Average (TWA) as Particulates Not Otherwise Regulated (PNOR). The American Conference of Governmental Industrial Hygienists (ACGIH) have established, for inert or nuisance dusts, Threshold Limit Values (TLV) of 10 mg/m³ for inhalable (total) particulates and 3 mg/m³ for respirable particulates based on Particulates Not Otherwise Specified (PNOS).

Engineering controls: Good general ventilation should be sufficient to control airborne levels of irritating vapors. Local ventilation may be required during certain operations.

Personal Protective Equipment **Eye/face Protection:**

Wear safety glasses with side shields and a face shield or goggles and a face shield. Ensure that eyewash stations and safety showers are close to the workstation location.

Skin Protection:

Gloves made of nitrile rubber. Gloves made of neoprene. Chemical resistant apron. Boots.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: None required if hazards have been assessed and airborne concentrations are maintained below the exposure limits listed in Section 8. Wear an approved air-purifying respirator with particulate filters where airborne concentrations may exceed exposure limits in Section 8.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White
Odor:	Mild Vegetable Oil
Odor Threshold:	Not available
Physical State:	Liquid
pH:	6.5 - 8
Flash Point:	Not applicable
Autoignition Temperature:	Not available
Boiling Point/Range:	> 100 °C / 212 °F (Water)
Freezing Point:	0 °C / 32 °F (Water)
Flammability Limits in Air:	
Lower:	Not available
Upper:	Not available
Specific Gravity:	1.03 - 1.054 @ 25°C
Solubility:	Dispersible in Water
Evaporation Rate:	< 1 (BuAc = 1)
Vapor Pressure:	17.5 mmHg @ 20 °C / 68 °F (Water)
Vapor Density:	> 1 (Air = 1)
Percent Volatile:	44 - 46 % by weight
VOC Content:	14 g/l (calculated) product as supplied
Viscosity:	< 500 cps @ 25°C

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Freezing Temperatures.

Incompatible Materials: No materials to be especially mentioned.

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide (CO₂). Hydrocarbons.

Hazardous Polymerization: Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Animal studies indicate that the inhalation of aerosols of polyalkylene glycol alkyl ether causes lung injury.

Polyalkylene Glycol Alkyl Ether

LD50 Oral	> 2000 mg/kg - rat
LC50 Inhalation	2 mg/l (4 hours - rat (aerosol))

Chronic Toxicity

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Legend: NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration
IARC - International Agency for Research on Cancer

Target Organ(s): Lungs.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects:

No information available.

Bioaccumulation:

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: NOT A RCRA HAZARDOUS WASTE: When discarded in its purchased form, this material would not be regulated as a RCRA Hazardous waste under 40 CFR 261.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

US EPA Waste Number: Not applicable.

14. TRANSPORTATION INFORMATION

DOT

Proper Shipping Name: NOT REGULATED

IDG

Proper Shipping Name: NOT REGULATED

IATA

Proper Shipping Name: NOT REGULATED

IMDG/IMO

Proper Shipping Name: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories

TSCA Inventory Status: All components of this material are listed on the US Toxic Substances Control Act (TSCA) inventory.

Canadian Inventory Status: All components of this material are listed on the Canadian Domestic Substances LIST (DSL).

Australian Inventory Status: This product contains one or more chemicals currently not on the Australian Inventory of Chemical Substances.

Korean Inventory Status: This product contains only chemicals which are currently listed on the Korean Chemical Substances List.

Phillipine Inventory: This product contains one or more chemicals currently not listed on the Phillipine Inventory of Chemicals and Chemical Substances.

Japan ENCS: This product contains only chemicals that are currently listed on the Japanese Inventory of Existing and New Chemical Substances.

Chinese IECS: This product contains one or more chemicals currently not on the Chinese Inventory of Existing Chemical Substances.

New Zealand Inventory: This product contains one or more chemicals currently not on the New Zealand inventory of Chemicals.

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

15. REGULATORY INFORMATION

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

TSCA 12(b) - Export Notification:

This material does not contain any components that are subject to US Toxic Substances Control Act (TSCA) section 12(b) Export Notification requirements.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

CERCLA

This product does not contain Components that have been assigned reportable quantities.

State Regulations

California Proposition 65

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

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class D1B Toxic materials

HMIRC. This product is being reviewed by the Hazardous Material Information Review Commission. Registration # 7817, Filed March 2, 2010.

16. OTHER INFORMATION

Prepared By: A&L Paint Co. LLC,
 Phone Number: 814-349-8060

Revision Date: 09 Sept. 2015

Revision Number: 3

Revision Summary: This data sheet contains changes from the previous version in section(s)
 9, 11

Former date: 29 July 2014

A&L PAINT CO. LLC, urges each customer or recipient of this MSDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this MSDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no Warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all Federal, State, Provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific MSDSs, we are not and cannot be responsible for MSDSs obtained from any source other than ourselves. If you have obtained an MSDS from another source or if you are not sure that the MSDS you have is current, please contact us for the most current version.