

SAFETY DATA SHEET
WOOD KOTE PRODUCTS INC.
www.woodkote.com

Section 1: Product and Company Identification

Product Name: Korrekt-O Burnt Umber Product Code: 0K1352

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Product Use: Industrial Colorants. This product is intended for professional use and application only.

Section 2: Hazards Identification

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Oral Toxicity	Acute Tox. 4	Oral >300 and ≤ 2000 mg/kg
Reproductive toxin	1B	Presumed, based on experimental animals.
Organ toxin repeated exposure	1	Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies. Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure (guidance) - Human evidence in exceptional cases.

GHS Hazards

H226	Flammable liquid and vapour.
H360	May damage fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.

GHS Precautions

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/light/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe mist/vapours/spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention

P370+P378
P405
P403+P235
P501WK

In case of fire: Use water fog, "alcohol" foam, dry chemical, or CO2.
Store locked up.
Store in a well ventilated place. Keep cool.
If spilled, contain spilled material and dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Avoid release to the environment.

Signal Word: Danger



FLAMMABLE LIQUID AND VAPOR

Section 3: Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Trade Secret	Trade Secret	50.00% - 60.00%
2-Methoxy-1-Methylethyl Acetate	108-65-6	20.00% - 30.00%
Manganese (IV) Oxide	1313-13-9	1.00% - 5.00%
Aluminum Oxide	1344-28-1	1.00% - 5.00%
Silicon Dioxide	14808-60-7	1.00% - 5.00%

Section 4: First Aid Measures

IF INHALED: Move to fresh air. Call a physician if symptoms develop or persist.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persist.

IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur.

Note to Physician: Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

Section 5: Fire Fighting Measures

Flash Point: 46 C (115 F)

LEL: 1.00

UEL: 13.00

EXTINGUISHING MEDIA: Alcohol resistant foam. Water fog. Dry chemical powder. Carbon Dioxide (CO2).

EXPLOSION HAZARDS: Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and unidentified organic compounds may be formed during combustion.

FIRE FIGHTING PROCEDURES: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and gear when fighting fires involving this material.

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

SMALL SPILLS: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.

LARGE SPILLS: Stop the flow of the material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Section 7: Handling and Storage

HANDLING: Do not handle until all safety precautions have been read and understood. Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparkling tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact during pregnancy/while nursing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.

STORAGE: Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials. Keep in an area equipped with sprinklers.

COMMENTS: Read label before use. KEEP OUT OF REACH OF CHILDREN! Empty containers, retain product residue (liquid and/or vapor). Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition; they may explode and cause injury or death.

Section 8: Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret	NDA	NDA	NDA
2-Methoxy-1-Methylethyl Acetate 108-65-6	NDA	NDA	WEEL: TWA 50 ppm
Manganese (IV) Oxide 1313-13-9	CEILING: 5 mg/m ³	TWA 0.2 mg/m ³	NIOSH: TWA 1 mg/m ³ ST 2 mg/m ³
Aluminum Oxide 1344-28-1	TWA 80 mg/m ³	NDA	NIOSH: TWA 6 mg/m ³
Silicon Dioxide 14808-60-7	TWA 30 mg/m ³ / %SiO ₂ +2	TWA 0.025 mg/m ³	NIOSH: TWA 0.05 mg/m ³

ENGINEERING CONTROLS: Provide general local exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety goggles. Maintain eye wash fountain and quick drench facilities in work areas.

SKIN: Wear protective gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY: In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

OTHER USE PRECAUTIONS: May be harmful if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

COMMENTS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

CONTAMINATED GEAR: Take off contaminated clothing and wash it before reuse. Follow manufacturer's instructions for cleaning. If no such instructions for washables, use detergent and hot water.

Section 9: Physical and Chemical Properties

<p>Appearance: Paste / Brown</p> <p>Solubility in Water: Negligible.</p> <p>Flash point: 46 C</p> <p>Evaporation Rate: Slower than ether.</p> <p>VOC g/L (Coating) 461</p>	<p>Odor: Sweet Ether-like.</p> <p>Boiling point: 143°C</p> <p>Specific Gravity (SG) 1.498</p> <p>Viscosity: 90 - 110 KU (25 °C)</p>
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Section 10: Stability and Reactivity

Stability:

Under normal conditions:

STABLE

Incompatibilities:

Avoid heat, sparks, open flames and other ignition sources.

Strong oxidizers.

Hazardous decomposition:

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 52mg/L

Component Toxicity

108-65-6 2-Methoxy-1-Methylethyl Acetate

Dermal LD50: 2,000 mg/kg (Rat)

1344-28-1 Aluminum Oxide

Inhalation LC50: 3 mg/L (Rat)

PRIMARY ROUTES OF ENTRY

Inhalation

Target Organs: Lungs

Section 12: Ecological Information

ENVIRONMENTAL SUMMARY: Avoid uncontrolled releases of this material. Where spills are possible, comprehensive spill response plan should be developed and implemented. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Component Ecotoxicity

2-Methoxy-1-Methylethyl Acetate

Toxicity to fish: Mortality LC50 - *Salmo gairdneri* - 100-180 mg/l - 96 hr (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates: Static test EC50 - *Daphnia magna* (Water flea) ->500 mg/l - 48hr

Section 13: Disposal Considerations

DISPOSAL: If spilled, contain spilled material and dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Avoid release to the environment.

Section 14: Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint	1263	III	3
IATA	Paint	1263	III	3
IMDG/IMO	Paint	1263	III	3

Section 15: Regulatory Information

ACGIH (American Conference of Governmental Industrial Hygienists)

TWA (Time-Weighted Average)

OSHA (Occupational Safety and Health Administration)

NIOSH (National Institute for Occupational Safety and Health)

TSCA: All components are on the U.S. EPA TSCA Inventory List.

OSHA: Occupational Safety and Health Administration.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

14808-60-7 Silicon Dioxide 1 to 5 %

SARA TITLE III (Superfund Amendment and Reauthorization Act)

SARA 302 Components:

No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302

SARA 311/312 Hazards:

14808-60-7 Silicon Dioxide 1 to 5 % Chronic Health Hazard

SARA 313 Components:

No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 313.

Section 16: Other Information

ABBREVIATIONS USED IN THE SDS:

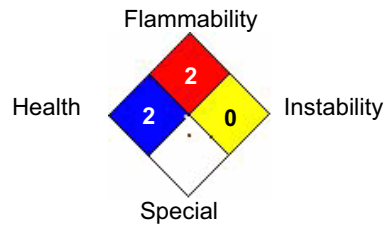
NDA: No Data Available

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

HMIS & NFPA Hazard Rating Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



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Date Revised: 2/23/2016