



# MILLER PAINT CO.

## SAFETY DATA SHEET (SDS)

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### PROUDCT IDENTIFICATION:

**Product Name:** ALKYD WOOD BOND  
**Product Number:** 670-0-11 WHITE  
**Product Use:** Solvent-thinned Paint

#### MANUFACTURER:

Miller Paint Company, Inc.  
12812 NE Whitaker Way  
Portland, Oregon 97230  
www .millerpaint.com  
**Manufacturer's Phone:** 503.255.0190  
**Emergency (24-hour) Phone:** 800.424.9300

**Date of preparation:** December 29, 2016

### 2. HAZARDS IDENTIFICATION

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

Flammable Liquids – Category 3  
Aspiration Hazard – Category 1  
Skin Irritant – Category 2  
Eye Irritation – Category 2B  
Specific Target Organ Toxicity (single exposure) – Category 3  
Specific Target Organ Toxicity (repeated exposure) – Category 1



**DANGER Flammable liquid and vapor**

Read label before use. If medical advice is needed, have container or label at hand.  
Do not handle until all safety precautions have been read and understood.  
Keep out of reach of children

**Primary Routes of Exposure:** Eyes, Skin, Inhalation, Ingestion

**Potential Acute Exposure Effects:**

**Eyes:** May cause moderate to severe irritation  
**Skin:** May cause irritation  
**Inhalation:** Harmful if inhaled. May cause respiratory tract irritation  
Inhalation of vapors may cause drowsiness and dizziness.  
**Ingestion:** Harmful if swallowed. Ingestion can cause nausea and gastrointestinal irritation, diarrhea and vomiting. Aspiration into the lungs may occur during swallowing or vomiting can cause severe chemical pneumonitis that can be fatal.

**Overexposure signs/symptoms:**

**Eyes:** Watering, redness or irritation  
**Skin:** Prolonged or repeated contact may cause dryness, irritation or defatting  
**Inhalation:** Repeated or prolonged or excessive inhalation may cause toxic effects, respiratory tract irritation, coughing.  
**Ingestion:** Can cause nausea, vomiting, diarrhea.

**Chronic Effects:** Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor concentrations above recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. May cause damage to organs through prolonged or repeated exposure. May cause cancer. Suspected of damaging the unborn child.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>REPORTABLE COMPONENTS</u>	<u>CAS NUMBER</u>	<u>% by WEIGHT</u>
Titanium Dioxide	1346367-7	10-15
Calcium Carbonate	1317-65-3	10-15
Solvent Naptha (petroleum, medium aliphatic)	64742-88-7	10-15
Talc	14807-96-6	5-10
Diatomaceous Earth	61790-53-2	5-10

#### 4. FIRST AID MEASURES

- Eyes:** Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Get medical attention. Continue rinsing and get medical attention if eye irritation persists.
- Skin:** Remove contaminated clothing. Immediately wash thoroughly with plenty of soap and water. Seek medical attention if irritation persists or rash occurs after washing.
- Inhalation:** Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration or oxygen. Seek medical attention.
- Ingestion:** DO NOT induce vomiting. Call poison control center or physician immediately. If exposed person is conscious, give small quantities of water to drink. Stop if exposed person feels sick as vomiting may be dangerous due to possible aspiration into the lungs. If vomiting occurs, have the person lean forward and keep head low to reduce the risk of aspiration. Never give anything by mouth to an unconscious person.

#### 5. FIRE FIGHTING MEASURES

- Flammable Properties:** Flammable liquid and vapor
- Extinguishing Media:** Use foam, carbon dioxide, dry powder or an extinguishing agent appropriate for the surrounding fire.
- Protective Equipment:** Firefighters should wear self-contained breathing apparatus and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Evacuate area and keep unnecessary unprotected personnel away. Avoid inhalation of vapors and contact with skin and eyes. Wear appropriate personal protective equipment
- Environmental Precautions:** Avoid runoff into storm sewers, ditches and waterways.
- Methods for Containment:** Contain spills with an inert absorbent material such as soil or sand. Eliminate all ignition sources including those beyond immediate spill area.
- Methods for Cleanup:** Clean up spills immediately. Collect spill with a non-sparking tool. Place in a suitable container for disposal. Take precautions against static discharges. After removal, clean surface thoroughly to remove residual contamination.

#### 7. HANDLING AND STORAGE

- Handling:** Provide adequate ventilation. Avoid breathing vapors, spray, mists or sanding dust. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flame/hot surfaces. Use explosion-proof electrical/ventilating/lighting equipment. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid contact with eyes, skin and clothing. Wear appropriate respiratory equipment if ventilation is inadequate. Wash thoroughly after handling. Take off contaminated clothing and wash it before use.
- Storage:** Store locked up. Keep away from heat, sparks and flame. Keep container closed when not in use. Transfer only to properly labeled containers. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	OSHA TWA/PEL	ACGIH TWA/TLV
Titanium Dioxide (d)	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Calcium Carbonate (d)	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Naptha (medium aliphatic)	500 ppm	200 ppm
Talc (d)	20 mppcf	2 mg/m <sup>3</sup>
Diatomaceous Earth (d)	6 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Stoddard Solvent	500 ppm	100 ppm

(d): Hazardous as dust when product is sanded

**Engineering Measures:** Use only in well ventilated areas. Ensure adequate ventilation, especially in confined areas. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

### Personal Protective Equipment:

**Eye / Face Protection:** Wear safety glasses or goggles and face protection.

**Skin Protection:** Chemical resistant gloves and impervious clothing are recommended.

**Respiratory Protection:** A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain conditions. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all manufacturers' instructions. Protection provided by air purifying respirators is limited. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Various
<b>Odor:</b>	Solvent
<b>Vapor pressure:</b>	Not available
<b>Odor threshold:</b>	Not available
<b>Vapor density:</b>	Not available
<b>pH:</b>	Not available
<b>Density:</b>	11.9 (lbs / gal)
<b>Viscosity:</b>	80-88 KU
<b>Melting/freezing point:</b>	Not available
<b>Solubility (water):</b>	Not available
<b>Boiling point / range:</b>	Not available
<b>Flash point:</b>	105 degrees F
<b>Evaporation rate:</b>	< 1 (butyl acetate = 1.0)
<b>Upper flammability limit:</b>	Not available
<b>Lower flammability limit:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available

**Decomposition temperature:** Not available

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal temperatures and pressures.  
**Conditions to avoid:** Heat, flames, sparks and other ignition sources.  
**Materials to avoid:** Strong oxidizing agents and strong acids and alkalis.  
**Hazardous Decomposition Products:** Carbon oxides. Silicon oxides  
**Hazardous Polymerization:** None under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

Naptha (medium aliphatic):	Oral LD50 (rat): >5000 mg/kg Dermal LD50 (rabbit): >3000 mg/kg Inhalation LC50 (rat): >5500 ppm/1hour
Stoddard Solvent :	Oral LD50 (rat): >15000 mg/kg Dermal LD50 (rabbit): >3160 mg/kg
Titanium Dioxide:	Oral LD50 (rat): >10,000 mg/kg Dermal LD50 (rabbit): >10,000 mg/kg Inhalation LC50 / 4 hour (rat): >6.8 mg/l

In February 2006, IARC concluded. "There is inadequate evidence in humans for the carcinogenicity of titanium dioxide." IARC's Monograph 93 reports there is sufficient evidence of carcinogenicity in rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans. It is an IARC Group 2B listed material. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint"

**Target Organs:** Central nervous system, Kidney, Liver, Lungs, Eyes, Skin.

## 12. ECOLOGICAL INFORMATION

Large or frequent spills can have a harmful or damaging effect on the environment.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Instructions:** Do not allow material to drain into sewers/water supplies. Dispose of unused contents, containers and other contaminated wastes in accordance with all federal, state and local regulations.  
**Danger:** Rags, steel wool, other wastes soaked with this product and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations

## 14. TRANSPORT INFORMATION CONSIDERATIONS

**DOT Shipping Name:** Paint  
**DOT UN Number:** UN1263  
**DOT Hazard Class:** 3  
**DOT Packaging Group:** III

## 15. REGULATORY INFORMATION

**TSCA:** All materials are listed or exempt.

## 16. OTHER INFORMATION

### Hazardous Material Identification System (USA)

<b>Health:</b>	<b>2</b>
<b>Flammability:</b>	<b>2</b>
<b>Physical Hazard:</b>	<b>0</b>

**Prepared by:** Miller Paint Technical & Compliance Department

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