



Safety Data Sheet

ADHESIVE AD-844 MS

Section 1. Product name and Manufacturer

Common name: Adhesive AD-844 MS

Material uses: Flooring adhesive

Chemical family: Adhesives

CAS: Not applicable

Synonyms: Not applicable

Manufactured for:

Finitec Hardwood Products Inc.
150, Leon-Vachon
Saint-Lambert-de-Lauzon (Quebec)
Canada G0S 2W0
Phone: 418-889-9910
Fax: 418-889-9915

In case of emergency:

CANUTEC: (613) 996-6666

Or contact your local poison control center.

Section 2. Hazards identifications

Physical state: Liquid

Routes of entry: Inhalation, skin, eyes.

Potential acute effects:

- **Eyes:** May cause eye irritation.
- **Skin:** May cause skin irritation.
- **Inhalation:** May cause cancer if inhaled.

Potential chronic effects: Refer to section 11, Toxicological information.

Section 3. Composition and information on the ingredients

<u>Name</u>	<u>CAS</u>	<u>Concentration %</u>
Soybean oil, methyl ester	67784-80-9	3 to 7
Vinyltrimethoxysilane	2768-02-7	1 to 5
Titanium dioxide	13463-67-7	0.1 to 1.0
Silica Sand	14808-60-7	0.1 to 1.0

Section 4. First aid measures

Eye contact: Rinse with water for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact: Wash with gentle soap and a lot of water. Seek medical attention if irritation persists.

Inhalation: Remove victim to fresh air. Seek medical attention if irritation persists.

Ingestion: Unlikely, in case of ingestion, rinse mouth. Do not induce vomiting. Seek medical attention.

Note to Physician: Provide general care and treat symptomatically.

Section 5. Fire fighting measures

Auto-ignition temperature: Not available

Flash point: >212 °F (100 °C)

Superior flammability limits: Not available

Inferior flammability limits: Not available

Combustion rate: Not available

Spontaneous combustion: Not available

Products of combustion: In case of combustion, gases or irritant and toxic emanations such as carbon monoxide or dioxide, and/or low molecular weight hydrocarbons may be released. Do not inhale explosion and combustion gases. Burning produces heavy smoke.

Extinction media: Use water, carbon dioxide.

Note: Firefighters must wear complete protective gear including eye protection and self sufficient respirator.

Section 6. Accidental release measures

Personal precautions: Wear protective equipment such as safety glasses, dust mask and work gloves.

Environmental precautions: keep out of drains and sewers. Dispose of residues in accordance with local, provincial, national and federal laws.

Methods for cleaning up: Recuperate spilled product if at all possible. Shovel the product into appropriate container. Thoroughly clean the area with water.

Section 7. Handling and Storage

Handling: Wear work gloves, safety glasses and dust mask in the event of dust emanation. Avoid all eye contact with skin and eyes. Avoid breathing product vapours or mist. Exercise the greatest care when handling or opening the container. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. As with all chemicals, proper industrial hygiene should be practiced when handling the product. Use safe work procedures in order to avoid all contamination. Practice proper professional and personal hygiene, including washing hands before meals. Banish eating, drinking and smoking in contaminated areas.

Storage: Store in a cool area in ambient atmospheric pressure and controlled humidity. Keep out of reach of children.

Section 8. Exposure Controls, Personal Protections

Ingredient exposure limits:

Titanium dioxide	LEP (ACGIH): 10 mg/m ³ (long term) LEP (OSHA): 15 mg/m ³ (long term)	A4: Not classifiable as a Human Carcinogen; lower respiratory tract irritation
Silica Sand	LEP (ACGIH): 0,025 mg/m ³ (long term)	A2: Suspected Human Carcinogen; lung cancer; pulmonary fibrosis

Personal protection equipment:

Engineering controls: Ensure proper air supply ventilation.

Eyes: Use close fitting safety goggles, don't use eye lens.

Respiratory: If air concentrations are superior to applicable exposure limits, use a NIOSH approved respirator.

Hands and skin: Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton. Use protective gloves that provide comprehensive protection, e.g. P.V.C., neoprene or rubber.

General notions: Work clothing that protect against skin contact such as long sleeved full suit. Product may cause skin sensitisation. Wash contaminated clothing before re-use. Practice proper work hygiene while handling product.

Section 9. Physical and chemical properties

Physical state: Liquid

Color: White (paste)

Odor: Odorless

Odor level: Data not available

Vapor tension: Data not available

Vapor Density: Data not available

Density: 1.3 g/mL

COV: < 20 g/L

Melting point: Data not available

Boiling point: 212 °F (100 °C)

Evaporation rate: Data not available

Octane/water coefficient:

Solubility in water by saturation: Data not available

pH: Data not available

Section 10. Stability and reactivity

Stability and reactivity: Chemically stable.

Incompatibility: None.

Reactivity: Will not occur.

Hazardous decomposition: None.

Condition to be avoided: Keep from freezing.

Section 11. Toxicological information

Toxicological data:

<u>Ingredient</u>	<u>DL₅₀</u>	<u>CL₅₀</u>
Titanium dioxide	Rat (oral): >10000 mg/kg	
Silica Sand	Rat (oral): 500 mg/kg	

Routes of entry: Inhalation, skin and eyes

Potential acute effects:

- **Eyes:** May cause eye irritation.
- **Skin:** May cause skin irritation.
- **Inhalation:** May cause cancer if inhaled.

Potential chronic effects:

Carcinogenicity: Silica Sand (Group 1), Titanium dioxide (Group 2B)

Sensitisation: Data not available

Reproductive toxicity: Data not available

Teratogenicity: Data not available

Section 12. Ecological information

Environmental precautions: Data not available

Degradation products: Data not available

Toxicity of the biological breakdown products: Data not available

Ingredient analysis:

<u>Ingredients</u>	<u>Results</u>	<u>Species</u>	<u>Exposition</u>
Silica Sand	LC ₅₀ - >10000 mg/L	Carp	72 h

Section 13. Disposal considerations

Waste disposal: Product residues must be eliminated in accordance with federal, provincial and local laws. Product waste is not considered as dangerous according to RCRA (part 261 of 40 CFR).

Section 14. Transportation Information

Classification TMD/ DOT/ IMDG/IATA label: Not regulated

National Motor Freight Classification (NMFC): Not regulated

Section 15. Regulatory information

United-States regulations:

TSCA - Toxic Substances Control Act: All elements are registered in the TSCA

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances: No substances listed

Section 304 - Hazardous substances: No substances listed

Section 313 - Toxic chemical list: No substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act: No substances listed

CAA - Clean Air Act: No substances listed

CWA - Clean Water Act: No substance listed

USA - State specific regulations

California Proposition 65:	Silica Sand (Listed as carcinogen) Titanium dioxide (Listed as carcinogen)
Substance(s) listed under Massachusetts Right to know:	Silica Sand Titanium dioxide
Pennsylvania Right to know:	Silica Sand Titanium dioxide
Substance(s) listed under New Jersey Right to know:	Silica Sand Titanium dioxide

GHS (Globally Harmonized System of Classification and Labelling of Chemicals):



Carc. 1A May cause cancer if inhaled.

Hazard statements:

H350.A May cause cancer.

Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501.A Dispose of contents/container in accordance with applicable regulations.

NFPA:



Health: 1
Flammability: 1
Reactivity: 0
Special conditions: None

Legend: 4: Severe, 3: High, 2: Moderate, 1: Light, 0: None

Section 16. Additional information

Date of issue: February 24th, 2016

Validate by: Finitec Canada

References:

- ANSI Z400.1, MSDS Standard, 2001.
- Manufacturer's Material Safety Data Sheet.
- 29CFR Part1910.1200 OSHA MSDS Requirements.
- 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. -Canada
- Gazette Part II, Vol. 122, No. 2 Registration SOR/88-64 31 December, 1987 Hazardous Products Act "Ingredient Disclosure List".
- Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2002.
- The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) <http://www.hc-sc.gc.ca/a>
- Material safety data sheets from the components suppliers.