

Section 1 – Identification & Uses

PRODUCT: MICCA SOLAR
EXTERIOR WOOD SEALER
PRODUCT CODE: M0710-00
RELATED PRODUCTS: M0701-00 NATURAL WOOD SEALER

APPEARANCE & DESCRIPTION: A solvent based wood sealer. It has good penetration and gives an excellent protection of wood surfaces for years against effects of exposure to climatic conditions. It enhances beauty of wood and has excellent weather resistance.

USES: This product is used for exterior wood substrate. This product is either natural or pigmented. It can be finished with a clear varnish either alkyd or oil modified polyurethane one. It is used in residential, commercial, and public locations. M0710-00 is recommended for all wooden surfaces.

Section 2 – Reportable Ingredients

	Cas No.	Range WT %	TLV PPM	LC50	LD50 Oral-rat
Mineral Spirit	64742-88-7	50-70%	100	1400 PPM/4H	8.0 ML / KG
Benzene	71-43-2	10PPM 100	10	13700 PPM/4H	5600 MG/KG

Section 3 - Physical Data

Physical Form: Transparent coloured liquid with mild odour.
pH: NA
Initial boiling point: 150 °C
Freezing Point: NA
Evaporation Rate: NA
Solubility in water: Negligible
Vapour Pressure (mmHg): >7.0 (38 °C)
Vapour Density (air=1): 4.8
Specific Gravity: 0.863 ± 0.05

Section 4 - Fire and Explosion Data

Flammability: Flammable
Auto-Ignition Temp: 229 °C
Flash Point (Setaflash C.C.): 42 °C
Explosion limits: LFL: 1.0% UFL: 5.0%
Extinguishing Media: Foam, water fog, dry chemical and carbon dioxide.
Special fire-fighting procedures: Wear nosh approved & self contained breathing apparatus.
Fire or explosive hazards: Vapours are heavier than air and may travel along the ground or be moved by air and ignited by heat, pilot lights and other ignition sources at location distant from material handling point.

Section 5 - First Aid Measures

Inhalation: Remove to fresh air. If necessary get medical attention.
Skin contact: Thoroughly wash exposed area with soap and water. Remove and launder contaminated clothing before reusing.
Eye contact: Flush with large amount of running water, lifting lower and upper lids occasionally. Get medical attention.

Ingestion: Do not induce vomiting. Keep person warm and get medical attention at once.
Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

Section 6 - Health Effects Data

Route of Entry: Skin and eye contact Inhalation and ingestion.
Inhalation: Moderately irritating to the eyes & respiratory passages. Exposure to high vapour concentration can cause headache, dizziness, nausea and central nervous system depression. May cause heart arrhythmia.
Skin contact: Not irritating to skin. Prolonged and repeated contact can cause irritation and dermatitis.
Eye contact: Mildly irritating to the eye.
Ingestion: Material can enter lungs during swallowing and/or vomiting causing lung inflammation and damage.
Carcinogenicity: NA

Section 7 - Personnel Protective Equipment

Respirator requirements: Use NIOSH approved canister mask for organic vapours.
Eye protection requirements: Chemical safety goggles with side shields.
Glove requirements: Wear impervious rubber gloves.
Ventilation - General: General mechanical ventilation.
Clothing requirements: Wear impervious protective clothing, wear a rubber apron.

Section 8 - Reactivity

Stability: Stable
Incompatibilities: Avoid contact with strong oxidizing agents, Lewis or mineral acid.
Conditions to avoid: Avoid excessive heat, open flames and all ignition sources.
Hazardous decomposition products: Carbon monoxide, carbon dioxide are produced on combustion.

Section 9 - Spill and Leak Procedure

Small spill: Absorb with sand, vermiculite or other absorbing materials. Remove to container.
Large spill: Dike area to prevent material from entering water systems or sewers. Collect material in appropriate container.
Disposal: Dispose in accordance to local, municipal, Provincial and Federal regulations

Section 10 - Handling and Storage Precautions

Store in cool, dry and well ventilated area. Keep away from open flames heat and sparks. Hot surfaces maybe sufficient to ignite liquid even in the absence of sparks and flames. Vapours may accumulate and travel to distant ignition sources and flashback. Empty containers are hazardous. It may contain flammable/explosive dusts, liquid residue or vapours. Air dry contaminated clothing in a well ventilated area before laundering.

Section 11 - Technical Information

Revision 05: May 06th 2013

The information given and the recommendations made herein apply only to the specified product. The information is based on our research and data from other reliable sources and is believed to be accurate. It is the purchaser's responsibility to verify whether the product is suitable for their purposes. **Peinture Micca Inc** does not accept any responsibility for injuries or damages, of any nature, resulting from usage of our products.