



PRODUCT WARRANTY FOR CM MADERA LTDA

Tapel Willamette Inc. S.A. guarantees the performance of its product Primer WilPro VC 2000 (W/fungicide), code 2650143, for a period of twelve (12) months from installation, against severe cracks, checking and blisters; as long as the product is handled, stored, prepared, applied, dried and used under the specifications provided by the Technical Service and the specification in the End User Manual. This guarantee is exclusive for CM Maderas (ID: 76.682.070-0) and it is not transferable to third parties, whether legal entities or individuals.

This Guarantee Includes:

The replacement of the necessary paint to cover the affected and/or damaged areas. Tapel Willamette Inc. S.A. reserves the right to conduct a complete investigation along with the customer, comprising a revision of the application and use of the paint, or any other actions deemed necessary to determine the cause or origin of the failure and to establish clearly that the origin was the paint. Tapel Willamette Inc. S.A. reserves the right to use the same product or a different one for replacement.

This Guarantee Excludes:

The cost of manpower, materials, tools, application or other items directly or indirectly related to the painted elements and their use. The costs incurred by damages or injuries due to inappropriate use or a use for which the product is not intended.

This Guarantee Excludes Damages Under the Following Conditions:

Damages due to force majeure, such as extreme environmental conditions, storms, hurricanes, floods, earthquakes, fires, chemical contamination or any other abnormal occurrence, such as damages caused by sharp or pointed objects that may physically or chemically affect the surface of the paint.

Damages caused by storage outside the paint manufacture's conditions, whether inappropriate location or circumstances that may damage the paint while it is transported, stored, applied or dried.

Transportation, storage, application and use of the paint and the painted products must comply with the methods and conditions industrially accepted and known, and also with the conditions specified by the manufacturer.

When the product is painted and installed by the end user, the product primed with WilPro VC 2000 (W/fungicide) code 2650143 must be painted and finished according to the methods and conditions industrially accepted and known for construction, with a 100% acrylic paint, within 30 days of installation.

Under no circumstance will the costs of materials, damages, and/or lawsuits exceed the original cost of the manufactured paint. TAPEL Willamette INC. S.A. personnel or representatives are not authorized to give any implicit or explicit, verbal or written guarantee, different from what is stated in this document.

**Material Safety Data Sheet
WIL-PRO VC-2000
OFF WHITE (W/FUNG)**

Section 1. Product and Company Identification

Product name	WIL-PRO VC-2000 OFF-WHITE (W/FUNG)
Code	2650143
Supplier	Tapel Willamette Inc. S.A.
Address	Avenida Estero La Posada 3625 Parque Industrial Coronel Coronel – Chile
Telephone number	(56) 41-2928100
Fax number	(56) 41-2928109
e-mail	ventas@tapel.cl
<u>In case of Emergency</u>	
CITUC (Toxicological Emergencies)	2-635 3800
CITUC (Chemical Emergencies)	2-247 3600

Section 2. Composition/Information on ingredients

Product Description	Liquid Dispersion
Chemical Formulation	Mixture
a) Main Components	Inorganic pigments, minerals and modified vnyilic polymers.
b) Risk component	Not applicable

Section 3. Hazard Identification



Risk Classification of the Chemical Product	NFPA 704 Health: 1 Flammability: 0 Reactivity: 0
a) Potential health effects	
Potential acute health effects (single exposure)	Not known significant effects or critical hazards
Inhalation	Not known significant effects
Skin	May cause slight or temporary irritation
Eyes	May cause slight or temporary irritation.
Ingestion	Not known significant effects before minor accidental ingestion
Potential chronic health effects (long term)	Not available
Medical conditions aggravated by over-exposure to the product	Not available
b) Potential risk to the enviroment	Prevent contact with soil, vegetation, underground and surface water, sewers.
c) Special risks of the product	Not available

Section 4. First Aid Measures

In case of accidental contact with the product, proceed as follows:

Inhalation
Move exposed person to fresh air. If not breathing, breathing is irregular

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Skin Contact	or there is a respiratory arrest, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Eye contact	In case of contact, flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Ingestion	Check for and remove any contact lenses. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Notes to the physician	Wash mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
	No specific treatment. Treat symptomatically. Make sure medical personnel are knowledgeable of poison treatment immediately if large amounts have been ingested or inhaled.

Section 5. Fire-fighting Measures

Extinguishing media	Foam, dry chemicals, carbon dioxide, or water fog.
Not suitable extinguishing media	Not available
Specific hazards	Pressure may increase and the container may burst in case of heat or fire.
Special exposure hazards	In case of fire, promptly isolate the scene by removing all persons from the vicinity of the incident. No action shall be taken involving any personal risk or without proper training.
Protective equipment for Fire-fighting	Fire fighters must wear appropriate protection equipment and self-contained breathing apparatus (SCBA) with full face mask operating in positive pressure.

Section 6. Accidental release measures

Emergency measures in case of spill	No action shall be taking involving personal risk or without proper training. Evacuate the surroundings. Do not let unprotected or unnecessary personnel in. Do not touch or walk over spilled material. Avoid breathing vapor or mist. Provide proper ventilation. Take an appropriate breathing apparatus when the ventilation system is inadequate. Use personal protection equipment (refer to Section 8).
Personal protection equipment to fight the emergency	Use personal protection equipment recommended in Section 8. If exposure to the product has occurred, see Section 4 to follow the proper measures.
Precaution to avoid damages to the environment	Avoid the dispersion of spilled material and its contact with the soil, water sources, sewers and drains. Inform the authorities if the product has caused environmental contamination (sewers, water ways, soil or air).
Clean up methods	Stop the leak if there is no risk in doing so. Remove the containers from the spilled area. Dilute with water and clean up if soluble in water or absorb with a dry inert material and place in a proper reprocessing container. Eliminate by authorized contractor for disposal.
Waste disposal measures	Dispose in safety containers with a description of its content; eliminate according to the current environmental regulations.

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Section 7. Handling and Storage

Technical recommendations

Provide adequate ventilation in the work place. Follow normal precautions in handling materials that contain chemicals.

Caution

Wash hands thoroughly before eating, drinking or smoking.

Safe handling recommendations

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. People working with this material must wash their hands and face before eating, drinking or smoking. Do not breathe vapor or mist. Do not ingest. Use contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage conditions

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Suitable parking

Coated plastic and metallic containers

Not suitable parking

Not available

Section 8. Exposure Controls/Personal Protection

Permissible Pondered Limits (PPL) and Absolute (AEL)

Not applicable (according to Decree 594 articles 66 and 119)

Respiratory protection

Use a properly fitter air purifier or air supply respirator in compliance with the approved standards if a risk evaluation indicate that it is necessary. The selection of the respirator must be based on previous knowledge of the levels and risks of the product and the work safety limits of the respirator selected.

Protective Gloves

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eyes protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Other protection equipment

Before using the product the proper personal protective equipment must be selected, based on the task to perform and the risks involved and it must be approved by a specialist.

Ventilation

Natural ventilation is recommended

Hygiene measures

Wash hands, arms and face thoroughly after handling chemical products, before eating, smoking or using the sanitary and at the end of the work day. Use the proper techniques to remove contaminated clothing. Wash contaminated clothing before reuse. Make sure the eye washing stations and safety showers are close to the work stations.

Section 9. Physical and Chemical Properties

Physical State

Liquid

Appearance and odor

Bone white liquid, characteristic odor

Concentration

1.66 g/cm³

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Flash point	Open Cresol: >95°C
Boiling/melting point	>100°C (>212°F)
Self ignition Temperature	Not available
Fire or explosion risk	Not available
Vapor pressure	2.7 kPa (20 mm Hg)
Approximate vapor density	>1 [Air= 1]
Water or other solvents solubility	Soluble in water
% VOC	0.935529%

Section 10. Stability and Reactivity

Stability	The product is stable.
Conditions to avoid	No specific data
Incompatibility (materials to avoid)	No specific data
Hazardous decomposition products	Under normal storage and use conditions, it should not form hazardous decomposition products
Hazardous combustion product	The decomposition products may be the following materials: carbon dioxide, carbon monoxide, metal oxides.
Hazardous polymerization	Under normal storage and use conditions, the product will not experience hazardous polymerization

Section 11. Toxicological Information

Acute toxicity	No known significant effects or critical hazards
Chronic or long term toxicity	Not available
Local or systemic effects	Slight irritation to the skin and eyes due to contact
Allergic sensitivity	Not available

Product	Toxicity parameters (Art. 89)		CTAL (Total Limit Accute Concentration)
			% peso
Titanium Dioxide	DL ₅₀ Oral (mg/kg)	10000	20000
	CL ₅₀ Inhalation (mg/L)	NS(*)	NS(*)
	DL ₅₀ Dermal (mg/kg)	NS(*)	NS(*)

(*) NS: Not specified

Titanium oxide does not represent acute toxicity characteristics, since its concentration does not exceed the CTAL (20000% by weight) for this product.

Section 12. Ecological Information

Instability	Stable
Persistence/Degradability	Not available
Bio-accumulation	Not available
Environmental effects	No known significant effects or critical hazards

Aquatic Ecotoxicity

Product name or ingredient	Test	Result	Species	Exposure
Titanium dioxide	-	Acute EC50 35.9 mg/L Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata - Exponential growth	72 hours

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-	Acute EC50 5.83 mg/L Fresh water	phase Algae - Green algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
-	Acute EC50 >1000000 ug/L Fresh water	Daphnia - Water flea - Daphnia magna - <24 hours	48 hours
-	Acute CL50 >10 mg/L Fresh water	Daphnia - Water flea - Daphnia pulex - Adult	48 hours
-	Acute CL50 >10 mg/L Fresh water	Crustaceous - Water flea - Ceriodaphnia dubia - Neonate - <24 hours	48 hours
-	Acute CL50 5.5 ppm Fresh water	Daphnia - Water flea - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling) - <24 hours	48 hours
-	Acute CL50 >1000000 ug/L Sea water	Fish - Mummichog - Fundulus Heteroclitus	96 hours
-	Chronic NOEC 95 mg/L Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
-	Chronic NOEC 10.1 mg/L Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
-	Chronic NOEC 0.984 mg/L Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours

Section 13. Disposal Considerations

Disposal of wastes of the product

The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Disposal of contaminated
containers/packing**

Dispose of according to the regulations. Do not reuse the containers, unless they have been treated by certified companies according to the applicable regulations. Do not store water or food products.

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Section 14. Transportation Information

Road and Railroad transportation	Substance not classified as hazardous, not regulated during transportation.
TDG Classification	Do not transport together with animals, food products, water or medicine.
Waterway transportation	Not available
Ocean transportation IMDG	Not available
Airway transportation IATA	Not available
UN number	Not applicable
NFPA	704

Section 15. Regulatory Information

International regulations applicable

USA Federal Regulations

TSCA 8b Inventory: All components are listed or exempted.

Canada

WHMIS (Canada)

Class D-2A: Very toxic material causing other toxic effects .

Canada Inventory

All components are listed or exempted.

EU regulations

Hazard pictograms



Risk phrases

Hazard statements

R50 – Very toxic to aquatic organisms.
S29 – Do not empty into drains.
S61 – Avoid release to the environment. Refer to special instructions/safety data sheet.

International lists

Australia inventory (AICS): Not determined.
China inventory (IECSC): Not determined.
Japan inventory (ENCSC): Not determined.
Korea inventory (KECI): Not determined.
New Zeland Chemical Inventory (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.

EU Inventory

Not determined

National Standards applicable

This product is regulated by the Nch 382, Nch 2190, D.S. 594

Label

Non Hazardous material

Section 16. Other information

The information contained herein was obtained from reliable sources. However, no guarantee implicit or explicit of any kind is made with respect to its accuracy or completeness. The opinions expressed in this form are made by knowledgeable professionals. The information herein is the currently known on this subject. Considering that the use of this information and products is out of the supplier TAPEL WILLAMETTE INC. S.A.'s control, the above-named supplier does not assume any liability whatsoever in this regard. Final determination of safe use of this material is the sole responsibility of the user.