

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

- 1.1 PRODUCT DESCRIPTION: **Formula 1 Ceramic Spray Wax**
- 1.2 PRODUCT CODE: **617022**
- 1.3 PRODUCER: **WEST DRIVE, LLC.
1045 W. GLEN OAKS LN, SUITE 202
MEQUON, WI. 53092
PHONE: 800-790-8216**

EMERGENCY OVERVIEW: This product is a light tan opaque liquid with a mild odor.
Health Hazards: Prolonged or repeated exposure may cause irritation to skin. May cause irritation to eyes upon contact. Ingestion of large amounts of this product may cause gastrointestinal irritation.
Flammability Hazards: This product is a non-flammable liquid with a flash point >200°F (>93.3°C).
Reactivity Hazards: None known
Environmental Hazards: The Environmental effects of this product have not been investigated. Release of this product is not anticipated to have significant adverse effects in the aquatic environment.

2. HAZARDS IDENTIFICATION

2.1 *Classification of the Substance or Mixture:*

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 and regulation (EU) No. 2015/830 and regulation (EC) No. 1272/2008.

Index Number:

EC# 231-791-2 This substance is not classified in the Annex VI of Directive 67/548/EEC
EC# 200-338-0 This substance is not classified in the Annex VI of Directive 67/548/EEC
Silane Emulsion is not listed in ESIS

Substances not listed either individually or in group entries must be self-classified.

Component(s) Contributing to Classification(s)

Silane Emulsion

2.2 *Label Elements [Risk & Safety Phrases]:* Caution: Eye Irritant.

2.3 *Other Hazards:* Keep out of reach of children. Keep from freezing.

3. COMPOSITION AND INFORMATION ON HAZERDOUS MATERIAL

Hazardous Ingredients:	WT%	CAS#	EINECS #	Hazard Classification
Water	90 - 95%	7732-18-5	231-791-2	None
Propylene Glycol	1 – 5%	57-55-6	200-338-0	None
Silane Emulsion	1 – 5%	Mixture	Not Listed	Skin Irritant Cat 2, Eye Irritant Cat 2

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*

4. FIRST AID MEASURES

- 4.1 **Inhalation:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
- 4.2 **Ingestion:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.
- 4.3 **Skin contact:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.
- 4.4 **Eye contact:** If product enters the eyes, open eyes while under gentle running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention.
- 4.5 **Skin Contact:** Prolonged or repeated contact of product with skin may cause irritation.
- 4.6 **Acute and/or Chronic Effects:** Contact with eyes or respiratory system may cause mild irritation.

5. FIRE FIGHTING MEASURES

- 5.1 **Fire Extinguishing Materials:**
Use fire extinguishing methods below:
Water Spray: Yes Carbon Dioxide: Yes
Foam: Yes Dry Chemical: Yes
Halon: Yes Other: Any "C" Class
- 5.2 **Unusual Fire & Explosion Hazards:**
None anticipated
Explosion Sensitivity to Mechanical Impact: No
Explosion Sensitivity to Static Discharge: No
- 5.3 **Special Fire-Fighting Procedures:**
Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal Precautions, Protective Equipment And Emergency Procedures:** To prevent skin and eye contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Handle in a well-ventilated work area.
- 6.2 **Environmental Precautions:** Store in original container. Keep container closed. Store in a cool, dry, well-ventilated area. Keep from freezing and out of reach of children.
- 6.3 **Spill And Leak Response:** Move containers from spill area. Prevent entry into sewers, water courses, basement or confined areas. Stop the flow of material if this can be done safely. Eliminate sources of ignition. Contain discharged material. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Place in a proper container for disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

7. HANDLING AND STORAGE

- 7.1 **Precautions For Safe Handling:** To prevent skin and eye contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Handle in a well-ventilated work area.
- 7.2 **Storage:** Store in original container. Keep container closed. Store in a cool, dry, well-ventilated area. Keep from freezing and out of reach of children.
- 7.3 **Specific Uses:** Polymeric cleaner/protectant.

8. EXPOSURES STANDARDS AND PERSONAL PROTECTION

8.1 Exposure Parameters:

Chemical Name	CAS#	ACGIH TLV	OSHA TWA	EH40 TWA
Water	7732-18-5	Not Listed	Not Listed	Not established
Propylene Glycol	57-55-6	Not Listed	Not Listed	Not established
Silane Emulsion	Mixture	Not Listed	Not Listed	Not established

- 8.2 **Ventilation And Engineering Controls:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

- 8.3 **Respiratory protection:** Not normally required when using this product.
- 8.4 **Hands protection:** Gloves are recommended to prevent skin contact.
- 8.5 **Eye protection:** Safety glasses or goggles are recommended. Do not get product in eyes.
- 8.6 **Skin protection:** Use body protect appropriate to task being performed.
- 8.7 **Body Protection:** Use body protect appropriate to task being performed.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (Physical State) and COLOR: This product is a light tan opaque liquid with a mild odor.

ODOR: Mild

ODOR THRESHOLD: Not Available

pH: Not Available

MELTING/FREEZING POINT: Not Available

BOILING POINT: >212°F

FLASH POINT: >200°F (>93.3°C)

EVAPORATION RATE (n-BuAc=1): 0.998 Typical

FLAMMABILITY (SOILD, GAS): Not Applicable

UPPER/LOWER FLAMMABILITY OR EXLOSION LIMITS: Not Applicable

VAPOR PRESSURE (mm Hg @ 20°C (68°F): <50 mmHg

VAPOR DENSITY: Not Available

RELATIVE DENSITY: Not Available

SPECIFIC GRAVITY: 1.003 (Typical)

SOLUBILITY IN WATER: Water soluble

WEIGHT PER GALLON: Not Available

PARTITION COEFFICENT (n-octanol/water): Not Available

AUTO-IGNITION TEMPERATURE: Not Applicable

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: Not Available

10. STABILITY AND REACTIVITY

- 10.1 **Stability:** Stable under conditions of normal storage and use.
- 10.2 **Conditions to Avoid:** Incompatible Materials
- 10.3 **Materials with which substance is incompatible:** Strong oxidizing materials
- 10.4 **Hazardous Decomposition Products:** Thermal decomposition products include carbon dioxide and Carbon Monoxide

11. TOXICOLOGICAL INFORMATION

11.1 **Information on Toxicological Effects:**

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion / irritation	Skin Irritant Category 3
Serious eye damage / irritation	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described below.

- 11.2 **Toxicity for ingestion:** Ingestion of large amounts may cause gastrointestinal irritation, nausea and vomiting.
- 11.3 **Toxicity of inhalation:** Inhalation of vapors/mist/spray may cause respiratory irritation.
- 11.4 **Irritation effects from skin contact:** Prolonged and repeated contact may cause irritation to skin.
- 11.5 **Irritation effects from eye contact:** Direct eye contact can cause irritation with redness, tearing and blurred vision.
- 11.6 **Target Organs:** Acute: Skin & Eyes Chronic: Skin
- 11.7 **Suspected Cancer Agent:** Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.
- 11.8 **Irritancy Of Product:** This product may be irritating to the eyes.
- 11.9 **Sensitization To The Product:** No information available for this product.
- 11.10 **Reproductive Toxicity Information:** No specific information is available concerning the effects of this product and its components on the human reproductive system.

12. ECOLOGICAL INFORMATION

- 12.1 **Toxicity:** No specific data available on this product.
- 12.2 **Persistence and degradability:** No specific data available on this product.
- 12.3 **Bioaccumulative potential:** No specific data available on this product.
- 12.4 **Mobility in soil:** No specific data available on this product.

- 12.5 **Results of PBT and vPvB Assessment:** No specific data available on this product.
- 12.6 **Other adverse effects:** No specific data available on this product.
- 12.7 **Water endangerment class:** May be water endangering in accordance with EU Guideline 91/155-EWG. Do not allow product to reach ground water, water course or sewage system. At present there are no ecotoxicological assessments for this product.

13. DISPOSAL CONSIDERATIONS

- 13.1 Observe all applicable Federal/State regulations and Local ordinances regarding disposal of non-hazardous materials.

14. TRANSPORTATION INFORMATION

- 14.1 **U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

Land (DOT)/Sea (IMDG)/Air Transport (IATA):

Proper Shipping Name: Not Regulated

Class: None

UN/ID No.: None

Packaging Group: None

Marine Pollutant: The components of this product are not designated by the department of transportation to be marine pollutants (49 CFR 172.101, Appendix B).

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is not considered as dangerous goods.

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is not considered as dangerous goods.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.

15. REGULATORY INFORMATION

- 15.1 **United States Regulations:**

U.S. SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None

U.S. SARA 311/312: Acute Health Hazard

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory or are exempted from listing.

OTHER U.S. FEDERAL REGULATIONS: None known

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain ingredients on the Proposition 65 Lists.

- 15.2 **Canadian Regulations:**

CANADIAN DSL/NDSL INVENTORY STATUS: Components are DSL Listed, NDSL Listed and/or are exempt from listing

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product has been classified per WHMIS 2015.

15.3 *European Economic Community Information:*

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

See Section 2 for Details

CHEMICAL SAFETY ASSESSMENT :

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

15.4 *Australian Information For Product:*

Components of this product are listed on the International Chemical Inventory list.

16. OTHER INFORMATION

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Hazards and Phrases in Full [NOTE: THIS INFORMATION IS FOR INGREDIENTS LISTED IN SECTION 3]:

HAZARD STATEMENTS / RISK & SAFETY PHRASES IN FULL: Not Applicable.

For information on appropriate emergency procedures phone: (800) 790-8216

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