



TRANSPORTATION EMERGENCY NO.:
(800) 424-9300 CHEMTREC
INFORMATION TELEPHONE NO.: (901) 526-2211
www.farrellcalhoun.com

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: 1190 Line
PRODUCT NAME: W/B Acrylic-Polyurethane Satin Varnish
HMIS CODES: H-1 F-1, R-0, P-G

This Material Safety Data Sheet covers Farrell-Calhoun products numbered:
1190, 1191, 1192

==== SECTION I - MANUFACTURER IDENTIFICATION ====

MANUFACTURER'S NAME: FARRELL-CALHOUN, INC.
ADDRESS: 221 E. CAROLINA AVENUE, MEMPHIS TN 38126
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LAST REVISION: 1-26-2010

==== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	Vapor Pressure mm Hg @ TEMP	PERCENT
Dipropylene Glycol Methyl Ether OSHA PEL 100 PPM ACGIH TLV 100 PPM	34590-94-8	0.5 68°F	2.5
* Diethylene Glycol Monoethyl Ether DOW TWA 25 PPM WEEL TWA 25 PPM	111-90-0	0.09 20°C	2
Synthetic Amorphous silica, Precp. OSHA TWA 6 mg/M ³ ACGIH TWA 10mg/M ³	112926-00-8		1
Triethylamine CAB AB OEL TWA 1 PPM CAB AB OEL STEL 3 PPM	121-44-8	400 31.5°C	1

* INDICATES TOXIC CHEMICAL (S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

==== SECTION III - HAZARDS IDENTIFICATION =====

APPEARANCE AND ODOR: Glycol ether odor

EMERGENCY OVERVIEW: **DANGER!** Inhalation of vapor/mist can cause headache, nausea & irritation of the nose, throat and lungs. Do not breath dust while sanding or spray mist while applying paint.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not applicable. In some individuals with prior sensitivity, allergic reactions can occur.

PRIMARY ROUTES OF ENTRY:

INHALATION: Inhalation of vapor or mist can cause headache, nausea, and irritation of nose, throat, and lungs.

SKIN: This material may cause mild skin irritation.

EYE: Direct contact with the liquid, vapor or mists may cause stinging, tearing, and redness.

INGESTION: Small ingested amounts are not believed to produce adverse health effects. Larger amounts (more than one ounce) should be removed from the stomach by induced vomiting or aspiration. No adverse effects anticipated. Call a physician.

HEALTH HAZARDS (ACUTE AND CHRONIC): ACUTE (SHORT TERM): Eyes: mild irritation followed by redness and tearing. Skin: Little absorption is possible, but allergic reactions may occur. Ingestion: Gastrointestinal irritation or vomiting. **CHRONIC (LONG TERM):** No chronic effects known.

CANCER INFORMATION: For complete discussion of toxicology data refer to Section XI.

==== SECTION IV - FIRST AID MEASURES =====

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Move to fresh air. If difficulty breathing, call a physician

SKIN: Wash affected area with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.

EYES: Flush eyes gently with water for at least 15 minutes, while holding eyelids apart; Seek medical attention immediately.

INGESTION: If swallowed, immediately give 1 to 2 glasses of water and call a physician, hospital, emergency room or poison control center for way to induce vomiting.

==== SECTION V - FIRE FIGHTING MEASURES =====

FLASH POINT: >150°F

METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.1 UPPER: 23.5

EXTINGUISHING MEDIA: Use foam, CO₂, or dry chemical

SPECIAL FIREFIGHTING PROCEDURES: Cool containers with water spray to prevent pressure buildup and possible auto-ignition or explosion. When this product burns, water, carbon dioxide, carbon monoxide, and smoke are produced. Pyrolysis products may include such materials as acetic acid, acrolein, and acetaldehyde. Recommend respirator to remove smoke and organic vapor.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material can splatter above 212° F. Dried product can burn.

===== SECTION VI – ACCIDENTAL RELEASE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Dike around spill and absorb liquids with absorbent. Stop spill from entering drains, sewers, streams, or waterways. Area could be slippery. Wear resistant clothing

===== SECTION VII – HANDLING AND STORAGE =====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 120 degrees F, near heat, or open flame. Do not smoke in area! Protect from freezing. **KEEP AWAY FROM CHILDREN.** Close container and keep upright to prevent leakage.

OTHER PRECAUTIONS: Do not take internally. Avoid skin and eye contact. Prevent repeated or prolonged breathing of vapor or spray mist. Follow label precautions. **KEEP AWAY FROM CHILDREN!** Use NIOSH- approved dust filter respirators when sanding to keep the TLV below the applicable limits.

===== SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION =====

RESPIRATORY PROTECTION: None required if good ventilation is maintained. Wear respirator (NIOSH/MSHA approved) suitable for concentrations and types of air contaminants encountered (Section II). Use NIOSH/MSHA approved airline type respirator or hood in confined areas. When sanding or abrading dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive. Spray dusts and mists should be controlled to below 0.1mg/M³ through usage of NIOSH-approved dust filter respirators.

VENTILATION: Sufficient ventilation in pattern and volume in accordance with OSHA reg. 29CFR part 1910.94 should provide air contaminant concentration below applicable exposure limits. Heavy vapors should be removed from all lower work areas.

PROTECTIVE GLOVES: Gloves should be worn if skin contact is likely. Use neoprene or rubber gloves to prevent skin contact.

EYE PROTECTION: Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSI Z-87.1, or approved equivalent).

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use disposable or impervious clothing if work clothing contamination is likely. Use protective cream if skin contact is likely. Use full face shield, apron, or appropriate equipment. Availability of eye wash stations and showers recommended.

WORK/HYGIENIC PRACTICES: Wash hands before eating, smoking, or using wash room. Do not consume food or beverages where this product is handled.

===== SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES =====

BOILING RANGE: > 212F

SPECIFIC GRAVITY: 1.05

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than ether

COATING V.O.C.: 148 grams per liter; 1.23lb/gal

MATERIAL V.O.C.: 47grams per liter; 0.39 lb/gal

SOLUBILITY IN WATER: Partially miscible

===== SECTION X – STABILITY AND REACTIVITY =====

STABILITY: Stable.

CONDITIONS TO AVOID: Products are stable in most environments. Coagulation may occur following freezing, thawing, or boiling.

INCOMPATIBILITY: Products will react violently with any water sensitive materials such as sulfuric acid or alkali such as sodium hydrates.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may yield acrylic monomers.

HAZARDOUS POLYMERIZATION: Will not occur.

===== SECTION XI – TOXICOLOGICAL INFORMATION =====

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

===== SECTION XII – ECOLOGICAL INFORMATION =====

No data available.

===== SECTION XIII – DISPOSAL INFORMATION =====

WASTE DISPOSAL METHOD: The coating and any contaminated diking material should be thoroughly air-dried and collected into drums. The drums should be sealed and properly labeled with the proper waste designation and land filled or incinerated according to current local, state, and federal regulations.

===== SECTION XIV – TRANSPORT INFORMATION =====

DOT: Latex Paint (Not DOT Regulated)

===== SECTION XV –REGULATORY INFORMATION =====

WORKPLACE CLASSIFICATION

This product is considered hazardous by OSHA

SARA TITLE III: SECTION 311/312 CATEGORIZATIONS (40CFR370)

Chronic Fire

SARA TITLE III: SECTION 313 INFORMATION (40CFR372)

Diethylene Glycol Monoethyl Ether CAS# 111-90-0

CERCLA INFORMATION (40CFR302.4)

None Known

US TOXIC SUBSTANCES CONTROL ACT (TSCA)

The intentional ingredients, section II, of this product are listed.

STATE REGULATIONS

California Proposition 65:

No components Listed

Pennsylvania RTK:

Triethylamine CAS# 121-44-8; Glycol Ethers CAS# Not Known, Silica, Amorphous Precip. CAS# 112926-00-8

New Jersey RTK:

Triethylamine CAS# 121-44-8

===== SECTION XVI – DISCLAIMER =====

Although the information contained herein is believed to be reliable, there is no warranty of any kind, expressed or implied as to the completeness or accuracy thereof. Recipients are advised to confirm in advance of the need that the information is current, and applicable to their circumstances.