MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FIRST COAT - WHITE
PRODUCT CODE: 165

HMIS CODES: H F R P
1 0 0 C

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: RODDA PAINT COMPANY
ADDRESS : 6932 Macadam Ave
Portland, Oregon 97219

EMERGENCY PHONE : (800) 424-9300 **DATE PRINTED** : 08/21/96
INFORMATION PHONE : (503) 244-7512 **NAME OF PREPARER** : Jerry McKnight

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
* ETHYLENE GLYCOL	107-21-1	.05	20 C	3
* ZINC COMPOUND	1314-13-2			1

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
This product contains no chemical(s) listed as carcinogens by NTP, IARC, or OSHA.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 388 F
SPECIFIC GRAVITY (H2O=1): 1.25
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than Butyl Acetate.
COATING V.O.C.: 0.96 lb/gl
MATERIAL V.O.C.: 0.34 lb/gl
SOLUBILITY IN WATER: Partial
APPEARANCE AND ODOR: White liquid, mild odor of ammonia.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 232 F **METHOD USED:** TCC
FLAMMABLE LIMITS IN AIR BY PERCENT VOLUME- LOWER: 3.2 **UPPER:** 15

EXTINGUISHING MEDIA

CO2, dry chemical, foam, or water fog.

SPECIAL FIREFIGHTING PROCEDURES

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. Self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode to protect against the hazardous effects of normal products of combustion or oxygen deficiency.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (just residue) can ignite EXPLOSIVELY! Thermal decomposition of this product will produce carbon monoxide and carbon dioxide.

SECTION V - REACTIVITY DATA

STABILITY: | X | Stable | | Unstable

CONDITIONS TO AVOID

Excessive temperatures. Avoid all heat sparks and sources of ignition.

COMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents (Nitric Acid, Permaganates, MEK Peroxide, Etc.).

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

HAZARDOUS POLYMERIZATION: | | May occur | X | Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

This product contains crystalline silica, which is a hazard by inhalation. When contact with silica dust occrus remove to fresh air, drink water to clean throat and blow nose to evacuate dust. Symtoms of exposure include: irRitation and soreness in throat and nose. Dust and fumes can cause nausea, gastric pain, irritation to upper respiratory tract. Overexposure can result in symptoms known as metal fume fever.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Exposure may cause drying of the skin with mild irritaion. Symtoms may include: redness, burning sensation, drying and cracking. Exposure with material may cause moderate eye irritation. Symptoms may include: tearing, redness, and stinging sensation. Corneal involvement or visual impairment is not expected to occur.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Prolonged exposure limit may result in the absorption of harmful amounts of material.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Excessive breathing of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs cand cause chemical pneumonitis which can be fatal.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Crystalline silica has been classified as probably carcinogenic for humans by IARC. It is also a known cause of silicosis, a noncancerous lung diseased caused by excessive exposure to crystalline silica. This product contains zinc oxide which may cause respiratory tract irritation with nasopharyngitis asn laryngitis.

CARCINOGENICITY: NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** Yes

This material is not listed as a human carcinogenic.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma. Inhalaion may be an irritant to pre-existing respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES

SKIN- Wash exposed area with soap and water. EYES- Flush with large amounts of water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources (flares, flames including pilot lights and electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up had been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers. Prevent run-off sewers, streams, or other bodies of water.

WASTE DISPOSAL METHOD

Destroy by liquid incineration. Material collected on absorbent material may be deposited in an approved toxic substance landfill in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool, dry area Keep away from heat, sparks, and open flame. Keep containers closed when not in use. Use only with adequate ventilation.

OTHER PRECAUTIONS

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed. READ AND OBSERVE ALL PRECAUTIONS ON LABEL!

========== SECTION VIII - CONTROL MEASURES ==========

RESPIRATORY PROTECTION

If TLV of the product or any coponent is exceeded, a NIOSH/MESA jointly approved self-contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode is advised; however, OSHA regulations also permit other NIOSH/MESA respirators under specified conditions. (See your safety equipment supplier).

VENTILATION

Provide sufficient mechanical and/or local exhaust to maintain exposure below TLV(s).

PROTECTIVE GLOVES

Wear resistant gloves such as: BUNA-N

EYE PROTECTION

N/A

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

WORK/HYGIENIC PRACTICES

Wash hands thoroughly after handling this product

========== SECTION IX - DISCLAIMER ==========

This information provided as a resource only. It should not be taken as a warranty or representation for which Rodda Paint Co. assumes legal responsibility. The information contained is believed to be accurate and compiled from sources believed to be reliable. It is the responsibility of the user to investigate and verify its validity. The user assumes all responsibility of using and handling the product in accordance with applicable federal, state, and local regulations.