

MATERIAL SAFETY DATA SHEET



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1. PRODUCT IDENTIFICATION

PRODUCT NAME: CLEAR COAT (Sealer)
PHYSICAL FORM: Mobile liquid / at processing temperature
COLOR: White / at processing temperature
VOC CONTENT: 147 g/l, 1.23 lb./gal.
ODOR: Ammonical
HAZARDS: The usual small quantities for household use do not present any hazard unless ingested.
EXTINGUISHING MEDIA: The product will only burn after the water it contains is driven off.

C.A.S. CHEMICAL NAME: Mixture
SYNONYMS: None
CHEMICAL FAMILY: Acrylic Emulsion Polymer
EMPIRICAL FORMULA: Mixture
INTENDED USE: Protective Paint Finish
REVISION NOTES: None

2. INGREDIENTS

CAS NUMBER and CHEMICAL NAME	OSHA (PEL)	ACGIH (TLV)
1336-21-6 Ammonium Hydroxide	50 ppm (NH ₃)	25 ppm (NH ₃)
25265-77-4 Texanol (Ester Alcohol)	Not established	Not established

The remaining non-hazardous ingredients are considered trade secret.

3. HEALTH HAZARDS

HEALTH HAZARDS: There are no known health hazards.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known
TARGET ORGANS: None known
SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)
Inhalation of vapor or mist can cause headache, nausea, irritation of the nose, throat and lungs.
SIGNS AND SYMPTOMS OF EXPOSURE (Possible longer term effects):
No known effects.
ROUTES OF EXPOSURE: Eye contact, skin contact, ingestion, inhalation.
EXPOSURE STANDARDS: The usual small quantities for household use do not present any hazard unless ingested. Under normal conditions of use in a well ventilated space, the concentration of minor components in the workplace air will not exceed the TLV or PEL. Always maintain air contaminant concentrations in the workplace at the lowest feasible levels.
CARCINOGENS UNDER OSHA, ACGIH, NTP, IARC:
This product contains no listed carcinogens in concentrations of 0.1 percent or greater.

4. FIRST AID

EYE CONTACT:	Rinse immediately with plenty of water.
SKIN CONTACT:	Wash affected area with soap and water.
INHALATION:	Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g., mouth-to-mouth). Supplemental oxygen may be indicated. Seek medical advice. Prevent aspiration of vomit. Turn victim's head to the side.
INGESTION:	If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. <i>Never give anything by mouth to an unconscious person.</i>

5. FIRE AND EXPLOSION DATA

FIRE HAZARD CLASSIFICATION:

Non-Combustible (OSHA/NFPA)

FLASH POINT (closed cup): No data

UPPER EXPLOSION LIMIT (UEL):

No data

LOWER EXPLOSION LIMIT (LEL):

No data

AUTOIGNITION TEMPERATURE:

No data

EXTINGUISHING MEDIA: The product will only burn after the water it contains is driven off. For dry polymer use water or carbon dioxide. Product does not burn. Aqueous solution is not flammable.

SPECIAL FIRE FIGHTING PROCEDURES:

No special procedures required. The product, as distributed, is noncombustible.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

When dried polymer burns, water (H₂O), carbon dioxide (CO₂), carbon monoxide (CO) and smoke are produced.

6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES (Removal of ignition sources, diking, etc.)

Stop the leak, if possible. Ventilate the space involved.

CLEAN-UP PROCEDURES: If recovery is not feasible, admix with dry soil, sand or non-reactive absorbent and place in an appropriate waste container. Wash contaminated property thoroughly before the material dries. Large commercial spills may require a vacuum truck. Keep spill and cleaning run off out of municipal sewers and open bodies of water.

OTHER EMERGENCY ADVICE:

Spilled polymer emulsion is very slippery. Use care to avoid falls. A film will form on drying. Remove saturated clothing and wash contacted skin area with soap and water. Product imparts a milky white color to contaminated waters. Foaming may result. Sewage treatment plants may not be able to remove the white color imparted to the water.

7. HANDLING AND STORAGE

STORAGE: Keep away from oxidizers. Avoid freezing temperatures during storage. Minimum recommended storage temperature is 40F. Maximum storage temperature is 100F.

HANDLING: No special precautions required.

OTHER PRECAUTIONS: Keep containers closed when not in use. Wash thoroughly after handling. Use common sense and good manufacturing practices.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS

EYE PROTECTION:	Chemical safety glasses.
HAND PROTECTION:	Rubber gloves. The breakthrough time of the selected glove(s) must be greater than the intended use period.
RESPIRATORY PROTECTION:	Not required under normal conditions in a well ventilated workplace. Under emergency conditions or when airborne exposure guidelines and/or comfort levels may be exceeded, a (NIOSH) approved respirator for organic vapors is recommended.
PROTECTIVE CLOTHING:	No specific recommendation.
ENGINEERING CONTROLS:	Commercial users should maintain air concentrations in work spaces in accord with standards outlined in Sections 2 and 3. Supplementary local exhaust may be needed in poorly ventilated areas, evaporation of large surfaces or when spraying.
WORK AND HYGIENIC PRACTICES:	None recommended.

9. TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM (at processing temperature):	Mobile liquid.
COLOR (at processing temperature):	White
ODOR (descriptive analysis):	Ammonical
pH:	7.0 – 8.0
BOILING POINT:	100.00C (212.00F)
SOLUBILITY IN WATER:	Dilutable
SPECIFIC GRAVITY (Water = 1):	1.0 – 1.2
VISCOSITY (CPS):	40 – 500cps.
MOLECULAR WEIGHT:	Mixture

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at ambient temperatures on long term storage materials containing similar functional groups have formed peroxides of unknown stability.
CONDITIONS TO AVOID (if unstable):	Not applicable
INCOMPATIBILITY (materials to avoid):	Mineral acids (i.e., sulfuric, phosphoric, etc.). Halogens (i.e., bleach, chlorine), heat and open flame.
HAZARDOUS DECOMPOSITION PRODUCTS (from burning, heating, or reaction with other materials):	Carbon Monoxide in a fire. Carbon Dioxide in a fire. Nitrogen Oxide, Sulfur Oxides. Thermal decomposition may yeild acrylic monomer.
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID (if polymerization may occur):	Not applicable.

11. TOXICOLOGICAL PROPERTIES

ACUTE ORAL TOXICITY (LD50, RAT):	No data known for this product. For Ammonium Hydroxide 350mg/kg.
ACUTE DERMAL TOXICITY (LD50, RABBIT):	No data known for this product.
ACUTE INHALATION TOXICITY (LC50, RAT):	No data known for this product.
OTHER ACUTE EFFECTS:	No data known for this product.
IRRITATION EFFECTS DATA:	No irritation data are known for this product.
CHRONIC/SUBCHRONIC DATA:	No delayed, subchronic or chronic test data are known.

12. ECOLOGICAL INFORMATION

No data known for this product.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Comply with all Federal, State and Local regulations. Disposal to municipal or industrial wastewater treatment plants normally requires approval from these authorities before disposal. The product does impart a white, milky color to water, which may not be removed or sufficiently diluted by the treatment facility. The product may also cause foaming when agitated. For large quantities: Disposal through licensed waste disposal facilities is suggested. NOTE: As supplied or diluted, product material (foam included), when splashed on personal property, is difficult to remove if allowed to dry.

14. TRANSPORT INFORMATION

DOT NON-BULK SHIPPING NAME:

RESIN COMPOUND – Not DOT Regulated // Keep from freezing.

DOT BULK SHIPPING NAME: Refer to Bill of Lading.

IMO SHIPPING DATA: Refer to Bill of Lading.

ICAO/IATA SHIPPING DATA: RESIN COMPOUND – Not IATA Regulated // Keep from freezing.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TOXIC SUBSTANCES CONTROL ACT (TSCA):

All components are included in the EPA (TSCA) inventory.

TOXIC SUBSTANCE CONTROL ACT (TSCA) 12(b) COMPONENT(S):

None.

OSHA HAZARD COMMUNICATION STANDARD (29CFR1910.1200) HAZARD CLASS(ES):

None.

EPA SARA TITLE III SECTION 312 (40CFR370) HAZARD CLASS:

None.

EPA SARA TITLE III SECTION 313 (40CFR372) TOXIC CHEMICALS ABOVE “DE MINIMIS” LEVEL ARE:

None.

The information contained herein relates only to specific materials identified. The Old Fashioned Milk Paint Co., Inc. believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. The Old Fashioned Milk Paint Co., Inc. urges persons receiving this information to use the PRODUCT BULLETIN and DIRECTIONS as guidelines, and to make their own determination as to the information's suitability and completeness for their particular application.