



# SDS – SAFETY DATA SHEET

## 1. IDENTIFICATION

**Product Identifier:** 2150 Tru-Ply Primer

**Synonyms:** Liquid Emulsion Primer

**Chemical Formula:** Not applicable for mixtures

**Recommended Use of the Chemical:** Primer. For industrial use only. Do not take internally.

**Manufacturer / Supplier:** Truco Inc.

**Address:** 3033 West 44th Street, Cleveland, OH 44113

**Website:** www.truco-inc.com

**Phone:** (216)-631-1000

**Emergency CHEMTREC Phone:** (800) 424-9300

## 2. HAZARD(S) IDENTIFICATION

### Classification of the Substance or Mixture:

Acute toxicity, oral (Category 5)

Acute toxicity, inhalation (Category 5)

Skin corrosion / irritation (Category 3)

Eye irritation (Category 2B)

Aspiration hazard (Category 2)

Acute aquatic toxicity (Category 1) (Ammonium Hydroxide (1336-21-6) - product contains less than 0.2%)

### Risk Phrases:

R36: Irritating to eyes.

R50: Very toxic to aquatic organisms. (Ammonium Hydroxide (1336-21-6) - product contains less than 0.2%)

### Label Elements:

**Signal Word:** Warning



### Hazard Statements:

H303: May be harmful if swallowed.

H305: May be harmful if swallowed and enters airways.

H316: Causes mild skin irritation.

H320: Causes eye irritation.

H333: May be harmful if inhaled.

H400: Very toxic to aquatic life. (Ammonium Hydroxide (1336-21-6) - product contains less than 0.2%)

### Precautionary Statements:

P273: Avoid release to the environment.

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P303 + P361 + P352: IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Wash with soap and water.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P308 + P313: If exposed or concerned: Get medical advice / attention.  
P331: DO NOT induce vomiting.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

### 3. COMPOSITION INFORMATION / INGREDIENTS

Ingredient	CAS Number	EC Number	Percent
Vinyl Acetate	108-05-4	203-545-4	< 0.3%.
Ammonium Hydroxide	1336-21-6	215-647-6	< 0.2%.

### 4. FIRST-AID MEASURES

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. Seek medical attention.

**Ingestion:** DO NOT INDUCE VOMITING unless directed by a physician! Never give anything by mouth to an unconscious person. Contact a poison control center; seek medical attention.

**Skin Contact:** Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

**Eye Contact:** Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention.

### 5. FIRE-FIGHTING MEASURES

**Fire:** Not flammable.

**Explosion:** Not combustible.

**Fire Extinguishing Media:** For dry polymer, use water or Carbon Dioxide.

**Special Information:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Eliminate sources of ignition. Ventilate area of leak or spill. Avoid prolonged contact with skin. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

**Environmental Precautions and Methods and Materials for Containment and Cleaning Up:** Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth,) and place in an approved chemical waste container. Do not flush to sewer!

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Wear personal protective equipment as specified in Section 8. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid prolonged or repeated contact with skin. Wash hands before eating, smoking, or using toilet facilities.

**Conditions for Safe Storage, Including Any Incompatibilities:** Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Separate from incompatibles. Keep away from sources of ignition. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid.) Observe all warnings and precautions listed for the product. Do not freeze. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Airborne Exposure Limits:**

Vinyl Acetate:

ACGIH Threshold Limit Value (TLV): 10 ppm (8 hours) (TWA) 15 ppm (STEL)

Ammonium Hydroxide:

OSHA Permissible Exposure Limit (PEL): 50 ppm (NH<sub>3</sub>)

ACGIH Threshold Limit Value (TLV): 25 ppm (NH<sub>3</sub>) (TWA) 35 ppm (STEL)

**Ventilation System:** A system of local and / or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**Personal Respirators (NIOSH Approved):** Maintain adequate ventilation. A respirator is not normally required in ventilated areas. If TLV is exceeded a NIOSH / MSHA approved breathing apparatus is recommended. Contact safety equipment supplier.

**Skin Protection:** Rubber gloves. Long pants and long sleeved shirts are recommended to reduce material contact with skin. Shoes with non-skid soles are also recommended.

**Eye Protection:** Use chemical safety goggles and / or a full face shield. Maintain eye wash fountain and quick-drench facilities in work area.

**Work / Hygienic Practices:** Always follow good housekeeping practices. Avoid contact with surfaces where material will not be applied.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear to hazy liquid

**Odor:** Mild odor

**Odor Threshold:** Not determined

**pH:** Not determined

**Melting Point:** Not determined

**Boiling Point / Boiling Range:** > 100C (212F)

**Flash Point:** Not applicable

**Evaporation Rate (BuAC=1):** Not determined

**Flammability:** Not applicable

**Upper / Lower Flammability or Explosive Limits:** Not applicable

**Vapor Pressure (mm Hg):** Of Water

**Vapor Density (Air=1):** Not determined

**Relative Density:** 1.05

**Solubility:** Water miscible

**Partition Coefficient: n-octanol / water:** No data available

**Auto-ignition Temperature:** Not applicable

**Decomposition Temperature:** Not determined

**Viscosity:** Not determined

## 10. STABILITY AND REACTIVITY

**Reactivity and / or Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions and Conditions to Avoid:** Incompatibles

**Incompatible Materials:** Do not mix with acids, may cause gelling and / or release of Carbon Dioxide gas.

**Hazardous Decomposition Products:** When dried polymer burns, Carbon Dioxide, Carbon Monoxide, and smoke are produced. Pyrolysis products may include materials such as Acetic Acid, Acrolein, and Acetaldehyde.

## 11. TOXICOLOGICAL INFORMATION

**Emergency Overview:** Exposure to material or vapor may cause irritation and / or redness to eyes, skin, and respiratory tract. Ingestion may cause irritation nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis.

**Potential Health Effects:**

**Inhalation:** May irritate respiratory tract.

**Ingestion:** May cause irritation, nausea, and vomiting.

**Skin Contact:** may cause irritation and / or redness.

**Eye Contact:** May cause irritation and / or redness.

**Chronic Exposure:** No data available.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing eye, skin, and / or respiratory disorders may be aggravated by exposure to this product.

**Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):** No data available.

**Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):** No data available.

**Germ Cell Mutagenicity:** No data available.

**Reproductive Toxicity:** No data available.

**Aspiration Hazard:** Aspiration of material into lungs may cause chemical pneumonitis.

**Numerical Measures of Toxicity:** Cancer Lists: NTP Carcinogen

Known	Anticipated	IARC Category
No	No	None

Emulsion contains formaldehyde at concentrations below .07% by wt. and vinyl acetate below .3% by wt. Both of these are minor volatile components. Both will migrate from the emulsion and establish an equilibrium condition in the headspace between the storage container and the liquid emulsion. Levels in excess of the TLV's (1ppm for formaldehyde, 10 ppm for vinyl acetate) can accumulate in non-vented headspace above stored emulsion. Drums should be opened in a well ventilated space. These components or their vapors have been shown to cause cancer in laboratory animals. There is limited evidence for carcinogenicity of formaldehyde gas (vapors) in humans.

**Acute Toxicity:**

Vinyl Acetate:

Oral rat LD50: 2,900 mg/kg

Inhalation rat LC50: 14.1 mg/l (4 hours)

Dermal rabbit LD50: 2,335 mg/kg

Ammonium Hydroxide:

Oral rat LD50: 350 mg/kg; eye, rabbit, standard Draize, 250 ug; severe

Investigated as a mutagen.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available for components with the exception of Ammonium Hydroxide (1336-21-6), which is very toxic to aquatic organisms. 2150 product contains less than 0.2% of this component.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Results of PBT and vPvB assessment:** No data available.

**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. Empty containers may retain hazardous properties. Containers must not be used for other purposes. Do not weld or flame cut an empty container. Do not transfer to unmarked containers. Follow all SDS label warnings even after container is empty.

### 14. TRANSPORT INFORMATION

**UN Number:** UN1139

**UN Proper Shipping Name:** Coating Solution

**Land Transport ADR/RID and GGVS/GGVE (Cross Border / Domestic)**

**Packing Group:** III

**Transport Hazard Class(es):** 3

**Maritime Transport IMDG/GGVSea**

**Packing Group:** III

**Transport Hazard Class(es):** 3

**Air Transport ICAO-TI and IATA-DGR**

**Packing Group:** III

**Transport Hazard Class(es):** 3

**Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable

**Special Precautions for User:** None

### 15. REGULATORY INFORMATION

**SARA 302 Components:** The following chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302: Vinyl Acetate Monomer (108-05-4) < 0.3%.

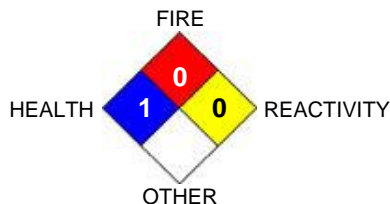
313 of SARA requires suppliers of mixtures or products containing these regulated chemicals to notify their customers. Therefore we are notifying you that this product contains Section 313 listed materials and their respective percentage by weight is indicated: Vinyl Acetate Monomer (108-05-4) < 0.3%.

Under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) any environmental release of the following chemicals at or over the reportable quantity listed must be reported promptly to the National Response Center Washington, DC 1-800-424-8802. Vinyl Acetate Monomer (108-05-4) RQ 5000 lb.

### 16. OTHER INFORMATION

**HMIS / NFPA Hazard Rating:**

4=EXTREME  
3=SERIOUS  
2=MODERATE  
1=SLIGHT  
0=MINIMAL



*Effective Date:* 04/01/15 – Standardized for GHS / REACH  
*Previous Revisions:* 02/01/14 – First Issue

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