



SDS – SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier: 4000 PVC Primer

Synonyms: PVC 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:

Flammable liquids (Category 2)

Skin corrosion / irritation (Category 2)

Aspiration hazard (Category 1)

Mutagenicity (Category 1A)

Carcinogenicity (Category 1A)

Acute toxicity, dermal (Category 4)

Acute toxicity, inhalation (Category 4)

Specific target organ toxicity – single exposure (Category 3)

Chronic aquatic toxicity (Category 3)

Risk Phrases:

R10: Flammable.

R20: Harmful by inhalation.

R21: Harmful in contact with skin.

R38: Causes skin irritation.

R45: May cause cancer.

R46: May cause inheritable genetic damage.

R53: May cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R67: Vapors may cause drowsiness and dizziness.

Label Elements:

Signal Word: Danger



Hazard Statements:

H225: Highly flammable liquid and vapor.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H336 - May cause drowsiness or dizziness.
H340: May cause genetic defects.
H350: May cause cancer.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

P210: Keep away from heat / sparks / open flames / hot surfaces – No smoking.
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
Proprietary Polymer	Proprietary	Proprietary	Proprietary
Xylene	1330-20-7	215-535-7	15-20%
Ethyl Benzene	100-41-4	202-849-4	2-8%
Aromatic Naphtha, Type I	64742-95-6	265-199-0	60-70%

4. FIRST-AID MEASURES

Inhalation: This material has a low vapor pressure and is not expected to present an inhalation exposure problem under ambient conditions. If vapor or mist is generated when the material is heated or handled, remove the victim from the exposure. Remove victim to fresh air, if breathing is difficult administer Oxygen. If breathing has stopped, administer artificial respiration. Seek medical attention.

Ingestion: Aspiration hazard. DO NOT INDUCE VOMITING. Product contains hydrocarbon solvents which may cause serious damage if aspirated into the lungs. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

Skin Contact: Remove contaminated clothing including shoes and wash before reuse. In case of contact, wash off immediately with soap and plenty of water. If redness or irritation occurs, seek medical attention.

Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses, if present and easy to do. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Fire: Classified as flammable

Explosion: Will support combustion

Fire Extinguishing Media: Dry chemical, foam or Carbon Dioxide. Water may be ineffective. Water can be used to cool containers. Do not allow water runoff to enter sewers or waterways.

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. Vapors may travel to source of ignition and flash back.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Avoid breathing vapors, mist or gas. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Slippery, can cause falls if walked on.

Environmental Precautions and Methods and Materials for Containment and Cleaning Up: Remove all sources of ignition. Dike and contain spill with inert material (e.g. clay, sand, earth.) Do not use combustible materials such as sawdust. Prevent material from entering sewers or waterways. Recover free liquid. Transfer absorbed material into approved non-leaking, sealable containers for proper disposal. Wipe up small spills and place wipers in an approved disposal container. Wash or steam clean the area of the spill.

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. Do not breathe vapors or spray mist. Avoid prolonged or repeated contact with skin. Wash hands before eating, smoking, or using toilet facilities. Wash contaminated work clothing before re-use. Keep away from sources of ignition. All containers should be grounded / bonded when material is transferred. Use non-sparking type tools and equipment, including explosion proof ventilation. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid.) Slippery, can cause falls if walked on. Loosen closure cautiously before opening.

Conditions for Safe Storage, Including Any Incompatibilities: Storage Temperature: Ambient. Storage Pressure: Atmospheric. Combustible liquid. Keep away from sources of ignition. Protect against physical damage. Keep container tightly closed in a dry and well-ventilated location away from incompatible materials (reference Section 10.) Keep away from heat, sparks, and flame. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits:

Xylene:

OSHA Permissible Exposure Limit (PEL): 100 ppm (TWA)

ACGIH Threshold Limit Value (TLV): 100 ppm (TWA); 150 ppm (STEL)

Ethyl Benzene:

OSHA Permissible Exposure Limit (PEL): 100 ppm (TWA)

ACGIH Threshold Limit Value (TLV): 100 ppm (TWA); 125 ppm (STEL)

Aromatic Naphtha, Type I:

OSHA PEL: 500ppm; 2000 mg/m³ - for petroleum distillates (naphtha)

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 may be needed if there is poor ventilation. If TLV is exceeded a NIOSH / MSHA approved breathing apparatus is recommended. Contact safety equipment supplier

Skin Protection: Protective / solvent resistant gloves should be worn for prolonged or repeated contact. Protective cream may be useful when repeated skin contact is expected. 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, thin liquid
Odor: Aromatic odor
Odor Threshold: Not determined
pH: No data available
Melting Point: Not determined
Boiling Point / Boiling Range: 137.2C (279F)
Flash Point: 27.8C (82F)
Evaporation Rate (BuAC=1): Slower than Butyl Acetate
Flammability: Flammable
Upper / Lower Flammability or Explosive Limits: UEL – 6.6 / LEL – 1.0
Vapor Pressure (mm Hg): Less than 10
Vapor Density (Air=1): Heavier than air
Relative Density: Lighter than water
Solubility: Insoluble
Partition Coefficient: n-octanol / water: No data available
Auto-ignition Temperature: Not determined
Decomposition Temperature: Not determined
Viscosity: 44-54 Ku

10. STABILITY AND REACTIVITY

Reactivity and / or Chemical Stability: Stable under ordinary conditions of use and storage. Hazardous polymerization will not occur if temperature is below 205C (400F).

Possibility of Hazardous Reactions and Conditions to Avoid: See Incompatible Materials. Keep away from heat / sparks / open flames / hot surfaces.

Incompatible Materials: Strong oxidizing agents, strong acids

Hazardous Decomposition Products: When burning under conditions of restricted air, there is a possibility of the generation of toxic gases (Carbon Monoxide, Carbon Dioxide, and oxides of Nitrogen.)

11. TOXICOLOGICAL INFORMATION

Emergency Overview: DANGER! FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. MAY AFFECT CENTRAL NERVOUS SYSTEM. MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

Potential Health Effects:

Inhalation: Excessive inhalation of the concentrated vapors from this product may cause damage to the central nervous system and possible liver damage.

Ingestion: Ingestion may cause burning of the mucous membranes of the mouth, esophagus and stomach.

Skin Contact: Frequent or prolonged contact with the skin may cause temporary irritation or dermatitis.

Eye Contact: May cause severe irritation of the eye, leading to burns if not immediately treated.

Chronic Exposure: Chronic inhalation can cause headache, loss of appetite, nervousness and pale skin. Repeated or prolonged skin contact may cause a skin rash. Repeated exposure of the eyes to high concentrations of vapor may cause reversible eye damage. Repeated exposure can damage bone marrow, causing low blood cell count. May damage the liver and kidneys.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of the substance.

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System): May cause dizziness.

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

Germ Cell Mutagenicity: May cause inheritable genetic damage.

Reproductive Toxicity: May cause teratogenic effects.

Aspiration Hazard: Product contains hydrocarbon solvents which may cause serious damage if aspirated into the lungs. Summon immediate medical help.

Numerical Measures of Toxicity: Cancer Lists: NTP Carcinogen

Ingredient	CAS Number	Known	Anticipated	IARC Category
Xylene	1330-20-7	No	No	3
Ethyl Benzene	100-41-4	No	No	2B
Aromatic Naphtha, Type I	64742-95-6	No	No	None

Acute Toxicity:

Xylene:

Oral rat LD50: 4300 mg/kg; Inhalation rat LC50: 5000 ppm / 4 h

Skin rabbit LD50: > 1700 mg/kg

Irritation, standard Draize, skin, rabbit, 500 mg / 24 h moderate

Irritation, standard Draize, eye, rabbit, 87 mg / mild

Investigated as a tumorigen, mutagen, reproductive effecter.

Ethyl Benzene:

Oral rat LD50: 3500 mg/kg

Skin rabbit LD50: 17800 ul/kg

Investigated as a tumorigen, mutagen, reproductive effecter.

Aromatic Naphtha, Type I:

Oral rat LD50: > 5,000 mg/kg

Inhalation rat LC50: > 3670 ppm

12. ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life with long lasting effects.

Persistence and Degradability: No specific data available.

Bioaccumulative Potential: No specific data available.

Mobility in Soil: No specific data available.

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

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

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. 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. EPA hazardous waste number: D001 - Ignitable

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: Flammable Liquid

15. REGULATORY INFORMATION

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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 below.

Xylene (1330-20-7)	15-20%
Ethyl Benzene (100-41-4)	2-8%
Aromatic Naphtha, Type I (64742-95-6)	60-70%

California Prop. 65 Components: This product contains a chemical known to State of California to cause cancer and / or birth defects or other reproductive harm: Xylene (1330-20-7), Ethyl Benzene (100-41-4)

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.

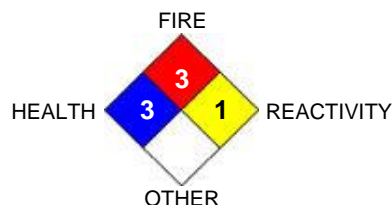
Xylene (1330-20-7)	100 lbs.
Ethyl Benzene (100-41-4)	1000 lbs.
Aromatic Naphtha, Type I (64742-95-6)	1000 lbs.

This product contains mineral oil and may be subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

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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