

Issued: 10/2/03

MATERIAL SAFETY DATA SHEET

Emergency 24 hour phone number: Chem-tel (800) 255-3924

CA PLUS PP/PE Primer (Poly Prep Primer) (Part #'s 00310, 00312 and 00316)

1. General Information: General Description: Primer/accelerator

HMIS Code: Health 1 Flammability 3 Reactivity 0

NAPA Code: Health 1 Fire Hazard 3 Reactivity 0

2. <u>Composition:</u> Ingredient:	CAS#	%
N-Heptane	142-82-5	95-100%
Substituted Amidine	6674-22-2	.01-.05

3. Chemical and Physical Properties:

Appearance: Clear Liquid
 Odor: Aliphatic Odor
 Specific Gravity: 0.68
 Boiling Point: 205°F - 210°F
 Vapor Pressure: 35 mm @ 68°F
 Solubility in water: Immiscible
 Vapor Density: 3.45
 Volatile Organic Compound: (EPA Method 24) 99.9%; 680 grams/liter

4. Fire & Explosion Hazard Data:

Flash Point: 30°F (Method used TCC)
 Flammable Limits: LEL – N/A UEL – N/A spill
 HMIS Code: Health 1, Flammability 3, Reactivity 0
 NAPA Code: Health 1, Fire Hazard 3, Reactivity 0
 Explosive Limits: %by volume in Air (Lower) 1.1%
 % by volume in Air (Upper) 6.7%
 Extinguishing Media: Carbon Dioxide, dry chemicals, foam
 Hazardous Products formed by Fire/thermal decomposition: Irritation Organic Vapors
 Special Fire Fighting Procedures: None
 Unusual Fire & Explosion Hazards: None

5. Health Hazard Data: Eye irritant. Anesthetic. Moderately toxic by ingestion.

Residue after evaporation of solvent is destructive to tissue of the mucous membrane and upper respiratory tract, eye and skin.

Primary Routes of entry: Heptane: Inhalation, ingestion, contact.

Signs & Symptoms of exposure: Dizziness, anesthesia, unconsciousness.

Existing conditions aggravated by exposure: None known.

Exposure Limits (TWA)	ACGIH	OSHA	Other
Ingredient	(TLV)	(PEL)	
n-Heptane	400ppm TWA	500ppm TWA	None

Exposure Limits (STEL)

Ingredients: Heptane 500ppm (STEL) 500ppm (STEL)

(Ingredients for which no exposure limits have been established are not listed above.)

Ingredients: Literature Referenced

Carcinogen

Target Organ & Other Health Effects: NTP IARC OSHA

n-Heptane Nervous System

No No No

Substituted Amidine No Data

6. Reactivity Data: Stability: Stable X

Incompatibility: Strong oxidizers

Hazardous Decomposition: None

Hazardous polymerization: Will not occur.

7. Shipping Regulations:

DOT (49 CFR 172)

Domestic Ground Transport

**Proper Shipping Name: Consumer Commodity. (Not more than one liter);
Heptane solution (more than one liter)**

**Hazard Class or Division: ORM-D (Not more than one liter)
Class 3, Packing group II (More than one liter)**

Marine Pollutant: None

**Identification: None (Not more than one liter)
UN 1206 (more than one liter)**

IATA Proper Shipping

Name: Class or Division: Heptane Solution Class, Packing group II

UN or ID Number: UN 1206

8. Spill or Leak Procedure:

Steps to be taken in case material is released or spilled **Maintain good ventilation. Avoid ignition sources.
Soak up remainder in an inert absorbent and store
in a closed container until disposal.**

Recommended disposal: Incinerate following EPA, Federal/State/Local Regulations.

9. Emergency Treatment Procedures:

Ingestion: Induce vomiting. Obtain medical attention.

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Skin contact: Wash with soap and water.

Eye contact: Flush at least 15 minutes with water. Obtain medical attention.

10. Personal Protection: Eyes: Safety Glasses or goggles.

Skin: Rubber or plastic gloves.

Ventilation: Adequate to avoid exceeding TLV.

11. Storage & Handling Procedures: Store at below 120°F in a tightly closed container away from oxidizing materials and sources of ignition., Handling: Keep away from flame. Avoid prolong breathing of vapors. Avoid skin or eye contact.