

MATERIAL SAFETY DATA SHEET

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1 - IDENTIFICATION

PRODUCT NAME: *CYNERGY Primer P*
CHEMICAL COMPOSITION: SOLVENT BLEND
CHEMICAL FAMILY: ACCELERATOR

HMIS RATINGS

HEALTH= 1 FLAMMABILITY= 3 REACTIVITY=0 PERSONAL PROTECTION =B
0=LEAST 1=SLIGHT 2=MODERATE 3=HIGH 4=EXTREME B=GLOVES,SAFETY GLASSES

2. COMPOSITION

N-Heptane	142-82-5	95-100%
Substituted Amidine	6674-22-2	0.1-0.5%

3. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	Clear Liquid
ODOR:	Aliphatic Odor
SPECIFIC GRAVITY:	0.68
BOILING POINT:	205 - 210 °F
SOLUBILITY IN WATER:	immiscible
VAPOR DENSITY:	3.45
VAPOR PRESSURE:	35 mm @ 68 °F
VOLATILE ORGANIC COMPOUND (EPA Method 24):	99.9% ; 680 grams/liter
EVAPORATION RATE (Ether = 1):	2.7
pH:	Does not apply
APPEARANCE:	Clear liquid
ODOR:	Aliphatic

4. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:	30°F (method used TCC.)
FLAMMABLE LIMITS	LEL = N/A UEL = N/A
EXTINGUISHING MEDIA	Carbon Dioxide, dry chemicals, water

NOTE: SEE SECTION FOR PERSONAL PROTECTION

Explosive Limits:	
% by volume in air (LOWER)	1.1%
% by volume in air (UPPER)	6.7%
RECOMMENDED EXTINGUISHING AGENTS:	Carbon Dioxide, foam, dry chemicals
SPECIAL FIRE FIGHTING PROCEDURES:	NONE
UNUSUAL FIRE and EXPLOSION HAZARDS	NONE
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:	Irritating Organic Vapors

5. HEALTH HAZARD DATA:

TOXICITY: Eye irritant. Anesthetic. Moderately toxic by ingestion. Residue after evaporation of solvent destructive to tissue of the mucous membranes, and upper respiratory tract, eyes 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 (TLV)	OSHA (PEL)	Other
n-Heptane	400 ppm (TWA) 1640 mg/M3	500 ppm (TWA) 1600 mg/M3	None
Exposure Limits (STEL)			
n-Heptane	500 ppm 2050 mg/M3	500 ppm 2000 mg/M3	

Ingredients for which no Exposure Limits have been established are not listed above.

INGREDIENTS

	Literature Referenced Target organ & Other Health	NTP	Carcinogen	
			IARC	Other
N-Heptane	Effects. Nervous System	NO	NO	NO
Substituted Amidine	No Data	NO	NO	NO

6. SPILL OR LEAK & DISPOSAL PROCEDURES:

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

Maintain good ventilation. Avoid ignition sources. Soak up remainder in an inert absorbent and store in a closed container until disposal.

Incinerate following EPA Federal, State and local regulations.

7. STORAGE & HANDLING PROCEDURES STORAGE:

Store below 120 °F in a tightly closed container away from oxidizing materials and sources of ignition.

HANDLING: Keep away from open flame. Avoid prolonged breathing of vapors. Avoid skin or eye contact.

8. SHIPPING & HANDLING PROCEDURES

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 1 liter)

IDENTIFICATION NO:

None (< Liter);
UN 1206 (> Liter)

MARINE POLLUTANTS:

None

IATA

PROPER SHIPPING NAME: Heptane Solution

CLASS OR DIVISION: 3

PACKING GROUP: II

UN NUMBER:1206

9. REACTIVITY DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS (NON-THERMAL):	None
INCOMPATIBILITY:	Strong Oxidizers

10. 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.

11. PERSONAL PROTECTION:

EYES:	Safety Glasses or Goggles.
SKIN:	Rubber or Plastic Gloves
VENTILATION:	Adequate to avoid exceeding TLV

12. OTHER DATA:

TSCA STATUS: All components of this product are listed on, or exempted from the requirement to be listed on, the TSCA Inventory.

California Proposition 65:

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance(s) known to the state of California to cause cancer:
NONE

VOC CARB Rule 1168

650 gr / liter

The information contained herein is based upon data taken in good faith and considered accurate. However, no warrant is implied or expressed regarding the accuracy of this data or the results obtained from the use thereof.

NA= Not Available na= not applicable NE=Not Established ND=Not Determined mppcf=million parts/ft3
mg/M3= milligrams per cubic meter