

Revised
June 2002



9411 Corsair Road
Frankfort, IL 60423
1-800-552-0299 Phone
1-815-464-5650 Fax

EMERGENCY PHONE 1-800-255-3924

MATERIAL SAFETY DATA SHEETS

PRIMER N

HMIS;	HEALTH	1	FLAMMABILITY	3	REACTIVITY	0
NFPA	HEALTH	1	FIRE HAZARD	3	REACTIVITY	0

1. GENERAL INFORMATION

PRODUCT NAME: PRIMER N
TECHINICAL NAME:

2. COMPOSITION

INGREDIENT:	CAS#	%
n-Heptane	142-82-5	95-100
Substituted Amidine	99-97-8	1-5

3. CHEMICAL AND PHYSICAL INFORMATION

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

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
COMPRESSED GASES:	None
PRESSURE AT ROOM TEMPERATURE:	Does Not Apply.

5. SPILL OR LEAK & DISPOSAL DATA:

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.
RECOMMENDED METHOD OF DISPOSAL:	Incinerate following EPA federal, state and local regulations.



MATERIAL SAFETY DATA SHEETS

PRIMER N



6. STORAGE AND 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.

7. SHIPPING PROCEDURES:

DOT (49 CFR 172)
DOMESTIC GROUND TRANSPORT
PROPER SHIPPING NAME:

Consumer Commodity (not more than One liter);

PRIMARY ROUTES OF ENTRY:
SIGNS & SYMPTOMS OF EXPOSURE:
EXISTING CONDITIONS:

Heptane: Inhalation, ingestion, contact
Dizziness, anesthesia, unconsciousness.

AGGRAVATED BY EXPOSURE:
Exposure Limits (TWA)

None known			
ACGIH (TLV)	OSHA (PEL)		Other
n-Heptane	400 ppm (TWA)	500 ppm (TWA)	None
	1640 mg/M3	1600 mg/M3	

Exposure Limits (STEL)

500 ppm	500 ppm
2050 mg/M3	2000 mg/M3

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

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

HAZARD CLASS OR DIVISION:

Heptane Solution (More than one liter)
ORM-D (Not more than one liter;) Class 3, Packing Group II

IDENTIFICATION NO:

None (Not more than one Liter);
UN 1206 (More than one liter)

MARINE POLLUTANTS:

None

IATA
PROPER SHIPPING NAME:

Heptane Solution
CLASS OR DIVISION:
Class 3, Packing Group II

UN OR ID NUMBER:

UN 1206

8. REACTIVITY DATA:

STABILITY:
HAZARDOUS POLYMERIZATION:
HAZARDOUS DECOMPOSITION
PRODUCTS (NON-THERMAL):
INCOMPATIBILITY:

Stable
Will not occur
None
Strong Oxidizers

9. EMERGENCY TREATMENT PROCEDURES:

INGESTION:
INHALATION:

Induce vomiting. Obtain medical attention
Remove to fresh air. If Symptoms persist, obtain
medical attention.

SKIN CONTACT:
EYE CONTACT:

Wash with soap and water.
Flush at least 15 minutes with water. Obtain medical
attention.



MATERIAL SAFETY DATA SHEETS

PRIMER N



10. PERSONAL PROTECTION:

EYES:
SKIN:
VENTILATION:

Safety Glasses or Goggles.
Rubber or Plastic Gloves
Adequate to avoid exceeding TLV

11. 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

Engineering Excellence

For technical information
and support call **1-800-552-0299** or visit our website at

www.instantca.com