

TRADE NAME: High Density Liquid Developer

DATE: January 2006
(Revised)

I. PRODUCT IDENTIFICATION:

Name/Synonym: 885 Developer

Part Number: 83-3-105059

Manufactured/Distributed by:

Presstek, Inc.
55 Executive Drive
Hudson, NH 03051

Emergency Phone - Day	-	(603) 595-7000
Night	-	Chemtrec (800) 424-9300

II. INGREDIENTS - Confidential Information for Safety/Health Use Only
(ALL EXPOSURE LIMITS ARE PPM UNLESS OTHERWISE NOTED)

Chemical Name	CAS#	OSHA PEL	ACGIH, NIOSH TLV, EXPOSURE LIMITS	NTP, IARC OSHA	WT %
			TWA	STEL	CARCINOGEN
Isoparaffinic Hydrocarbons	64742-48-9	300	400	400	No 75-98
Lauryl methacrylate/vinyl acetate/butylacid maleate polymer	88214-93-7	NE	NE	NE	No 0.5-11
This product is an OSHA Class II combustible liquid as per 29 CFR 1910.106.					

III. PHYSICAL PROPERTIES

Boiling Point (°F): 313-380°F	Specific Gravity (H ₂ O=1): 0.75
Vapor Pressure (mmHg): 30-36	Melting Point: N/E
Vapor Density (Air=1): 5.1	Evaporation Rate
Solubility in Water: < 0.01	(butyl acetate=1): 0.3
Appearance/Odor: Black Liquid, Faint Hydrocarbon Odor	pH: N/A

IV. FIRE AND EXPLOSION HAZARD

Flash Point: 102-128°F TAG CC Flammable Limits: LEL: 0.7% UEL: 7.0%
Extinguishing Media: Foam, CO₂, Dry Chemical.

Special Fire Fighting Procedure: UL Fire Class 30-40 with kerosene.

Avoid water; it tends to spread hydrocarbon fires.

Unusual Fire/Explosion Hazards: None.

N/A = Not Applicable

N/E = Not Established

V. REACTIVITY DATA

Stability: Stable Conditions to Avoid: Open Flame
Incompatibility, Materials to Avoid: Strong oxidants like chromic acid and liquid chlorine.
Hazardous Decomposition Products: CO for incomplete combustion.
Hazardous Polymerization: Will not occur.

VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL

Remove ignition sources. Soak up on absorbent. Place in can approved for combustible waste. Dispose of as hazardous waste in accordance with local regulations. DO NOT pour down drain.

VII. HEALTH HAZARD DATA

- A) Routes of entry, signs and symptoms of overexposure, acute and chronic effects.

Eye: Irritant to eyes.

Skin: Prolonged contact causes defatting, drying, cracking and dermatitis.

Inhalation: Overexposure may cause headache, nausea or respiratory irritation.

Ingestion: Nausea and possible intestinal irritation.

Target Organs: Skin, eyes, respiratory system, CNS.

- B) Carcinogenicity: Ingredients not found in NTP, OSHA or IARC.

- C) Medical conditions generally aggravated by normal exposure:

Dermatitis. Repeated inhalation of rats to a similar hydrocarbon at concentrations \geq 300ppm in air caused low grade (mild) anemia and kidney effects. The significance of these effects for human health is questionable.

- D) Emergency and First Aid

Eye: Flush with water for 15 minutes, call a physician.

Skin: Wash with soap and water. Remove contaminated clothes.

Inhalation: Move to fresh air; if breathing difficult, give oxygen and get medical help.

Ingestion: Do not induce vomiting due to aspiration hazard. Call physician immediately.

VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: None normally required.

Ventilation: Normal air conditioning.

Protective Gloves: Neoprene Eye Protection: Goggles/splashing

Other Protection: An eyewash station if splashing is a possibility.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Read and follow label directions. Do not reuse container. Store in cool well ventilated area away from heat and flame. For Commercial use only. Keep from reach of children

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)
None

Reportable Quantity (40 CFR 355: SARA Sec. 302)
None

Hazardous Substance (40 CFR 302: CERCLA Table 302.4)
None

RCRA Waste Number
D001

Volatile Organic Compounds
6.2 lbs./gallon or 743 grams/liter (calculated)

SARA Hazard Class
Acute: yes Chronic: no Fire: yes Pressure: no Reactivity: no

NFPA Hazard Rating
Health: 1 Flammability: 2 Reactivity: 0 Specific Hazard: N/A

XI. SHIPPING INFORMATION

* SURFACE Transportation:

Proper Shipping Name: Not regulated by DOT nor restricted by UPS.

* VESSEL/AIR Transportation:

Proper Shipping Name: Flammable Liquid,n.o.s.,(Naphtha),3,UN1993,
III, FP 102oF

Labeling: Vessel; None - (LTDOTY)
Air; "Flammable Liquid" label required.

NOTE:

The chemicals in this product are listed on the TSCA inventory.

XII. DISCLAIMER

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind. Presstek believes that the information contained herein is current as of the revision date of this MSDS. Since the conditions of use of this product are beyond the control of Presstek, it is the obligation of the user to determine the conditions for safe use.