

MATERIAL SAFETY DATA SHEET

55050, 55055 ITEK RAPID ACCESS PRE-MIXED DEVELOPER

Revision Date:10/1/2011

Section I - Product Identification

Manufacturer's Name Presstek	Emergency Phone Number: (24 HOURS) CHEMTREC @ (800)424-9300
Street Address 55 Executive Drive	MSDS Request Phone Number: 1-603-595-7000
City, State, Zip Code Hudson, NH 03051	For MSDS via Fax: 1-800-995-0088
Product Use: FILM DEVELOPER.	Date Prepared: March 8, 1995
Chemical Name, Trade Name, Synonyms:	Prepared By: Kenneth W. Pinter
CONTAINER SIZE: 55050 5 QUARTS. 55055 5 GALLONS.	

HMS RATING

2 - Health 0 - Flammability 0 - Reactivity B - Personal Protection

Section II - Ingredients

Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
WATER	7732-18-5	85-90	N.A.	N.A.	
HYDROQUINONE	123-31-9	< 3	2 mg/M3.	2 mg/M3	
SODIUM SULFITE	7757-83-7	1-5	N.D.	N.D.	
POTASSIUM CARBONATE	584-08-7	1-5	N.D.	N.D.	
POTASSIUM SULFITE	10117-38-1	5-10	N.D.	N.D.	

Section III - Physical Data

Boiling POINT(F): N.D.	pH: 10.5
Vapor Pressure(mm Hg): N.D.	Freezing Point(F): N.D.
Vapor Density (AIR = 1): N.D.	VOC: NONE
Specific Gravity (H2O=1): 1.094	Color And Odor: LIGHT YELLOW/ODORLESS
Odor Threshold: N.D.	Physical State: LIQUID
Evaporation Rate (Butyl Acetate = 1): N.D.	
Solubility in Water: COMPLETE.	

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): NONE.	Flammable Limits: LEL: N.A. UEL: N.A.
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Auto-ignition Temperature: N.D.

Extinguishing Media: USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire And Explosion Hazards: NONE.

Section V - Reactivity Data

Stability	Unstable : Stable : X	Conditions to Avoid: NONE.
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Incompatibility (Materials to Avoid): STRONG ACIDS.

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Hazardous Decomposition Products: SULFUR DIOXIDE.

Hazardous Polymerization | May Occur: | Conditions to Avoid: NONE.
Will Not Occur: X

Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN, INHALATION, INGESTION.

Oral Ingestion: EXPECTED TO BE A LOW INGESTION HAZARD.

Eye Contact: CAUSES IRRITATION.

Skin Contact: CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

Inhalation: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING.

Effects of Overexposure: CAUSES SKIN AND EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

Medical Conditions Generally Aggravated by Exposure | N.D.

Carcinogenicity: NONE OF THE CHEMICALS USED IN THIS PRODUCT ARE LISTED ON NTP, IARC, OR OSHA LISTINGS OF CARCINOGENS.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE ADVERSE REPRODUCTIVE EFFECTS.

FIRST AID PROCEDURES

Ingestion: IF CONSCIOUS, GIVE 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Eye: FLUSH WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION.

Skin: REMOVE CONTAMINATED CLOTHING. WASH THE EXPOSED AREA THOROUGHLY WITH WATER. CONTACT A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Inhalation: REMOVE TO FRESH AIR. IF ADVERSE SYMPTOMS DEVELOP, CONTACT A PHYSICIAN.

Section VII - Toxicology Information

Ingredient	Inhalation	Oral	Dermal
	LC50	LD50(RATS)	LD50(RABBITS)
WATER	N.A.	N.A.	N.A.
SODIUM SULFITE	N.D.	N.D.	N.D.
POTASSIUM CARBONATE	N.D.	1870 mg/KG.	N.D.
POTASSIUM SULFITE	N.D.	N.D.	N.D.
HYDROQUINONE	N.D.	320mg/KG.	N.D.

Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled: ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

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Disposal Method: IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

Section IX - Special Protection Information

Ventilation Local Exhaust: N.A. Special: N.A.
 Mechanical(General): ACCEPTABLE. Other: N.A.

Respiratory Protection: NONE REQUIRED.

Protective Clothing: WEAR IMPERIOUS GLOVES.

Eye Protection: WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES).

Other Protective Equipment: EYE BATH, WASHING FACILITIES, SAFETY SHOWER.

Section X - Special Precautions

Precautions to be taken in Handling and Storing: AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. THE ROUTINE USE OF A NONALKALINE(ACID) TYPE OF HAND CLEANER AND REGULAR CLEANING OF WORKING SURFACES, GLOVES, ETC. WILL HELP MINIMIZE THE POSSIBILITY OF A SKIN REACTION.

Other Precautions: KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.

Section XI - Transportation Information

Hazard Class: N.A.
DOT Proper Shipping Name: NOT REGULATED.

Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT CONTAINS HYDROQUINONE A REPORTABLE QUANTITY (RQ) SUBSTANCE.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT CONTAINS HYDROQUINONE WHICH IS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370): THIS PRODUCT CONTAINS MATERIAL THAT MAY REQUIRE REPORTING UNDER 311 AND 312 IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT CONTAINS HYDROQUINONE WHICH MAY REQUIRE REPORTING UNDER SECTION 313.

TOXIC SUBSTANCES CONTROL ACT (TSCA):
This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS, THAT ARE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

Section XIII - Addition Information

NONE

N.D. = No Data N.A. = Not Applicable

The information herein given in good faith but no warranty, express or implied, is made.