

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.

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 : | Conditions to Avoid: NONE. |
| | Stable : X | |

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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.

