----- 000309.MSD 96.35.309a MATERIAL SAFETY DATA SHEET Page 1 of 3 DATE: January 2006 TRADE NAME: Quicksilver Activator (Revised) I. PRODUCT IDENTIFICATION 3VNSP Part Number: 83-8-107761 Name/Synonym: Plate Developer Manufactured by: Distributed by: Agfa Division Bayer Corporation Agfa Division 100 Challenger Road Presstek, Inc. 55 Executive Drive Ridgefield, New Jersey Hudson, NH 03051 Emergency Phone - Day - (603) 595-7000 Night - Chemtrec (800) 424-9300

Chemical Name	CAS#	OSHA PEL	ACGIH, N TLV, EXP LIMITS	,	NTP, IARC OSHA	WT %
			TWA	STEL	CARCINOG	EN
Hazardous Ingredients	3					
Sodium Hydroxide	1310-73-2	2mg/m3	2mg/m3	N/A	No	1-5%
Non-Hazardous Ingredients						
Water	7732-18-5	N/E	N/E	N/E	No	90-95
Sodium Sulfite	7757-83-7	N/E	N/E	N/E	No	1-5
Aminoethylene-				N/E		
ethanolamine	111-41-1	N/E	N/E		No	1-5

III. PHYSICAL PROPERTIES

Boiling Point (°F):	221 (approx)	Specific Gravity (H2O=1)	: 1.07
Vapor Pressure (mmHg):	N/E	Melting Point: N/A	
Vapor Density (Air=1):	N/E	Evaporation Rate	
Solubility in Water:	100%	(butyl acetate=1): N/A	
Appearance/Odor:	Clear, colorless	solution pH: >13	
	No odor		

IV. FIRE AND EXPLOSION HAZARD

Flash Point: N/A Flammable Limits: LEL: N/A UEL: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedure: Irritating toxic gases at high temperatures

Unusual Fire/Explosion Hazards: N/A

N/A = Not ApplicableN/E = Not Established 96.35.309a MATERIAL SAFETY DATA SHEET Quicksilver Activator

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V. REACTIVITY DATA Stability: Stable Conditions to Avoid: High Temperatures Incompatibility, Materials to Avoid: Strong acids, oxidizers Hazardous Decomposition Products: Oxides of sulfur Hazardous Polymerization: Will not occur

- VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL Prevent spill from entering sewer. Soak up with absorbant material
- VII. HEALTH HAZARD DATA
 - A) Routes of entry, signs and symptoms of overexposure, acute and chronic effects.

Eye: Severe irritation or burning

Skin: Severe irritation or burning

Inhalation: Normally not a problem

Ingestion: Severe irritation or burning of mucous membranes

Target Organs: None

- B) Carcinogenicity: No
- C) Medical conditions generally aggravated by normal exposure:

Asthmatic and individuals sensitive to low levels of sulfur dioxide

D) Emergency and First Aid

Eye: Flush with water for at least 15 minutes Skin: Flush with water for at least 15 minutes Inhalation: Remove to fresh air Ingestion: Obtain medical attention

VIII. SPECIAL PROTECTION INFORMATION Respiration Protection: None needed with normal ventilation Ventilation - Local Exhaust: Normal-10 volume changes/hr Other: N/A Protective Gloves: Yes Eye Protection: Yes Other Protection: Apron

IX. SPECIAL PRECAUTIONS

Handling and Storage: Avoid skin and eye contact. Store in wellventilated area. Other: For commercial use only

96.35.309a MATERIAL SAFETY DATA SHEET Page 3 of 3 Quicksilver Activator P/N 83-8-107761 X. ENVIRONMENTAL DATA Hazardous Substance (40 CFR 372: SARA Sec. 313) None Reportable Quantity (40 CFR 355: SARA Sec. 302) Sodium Hydroxide - 1000 lb. Hazardous Substance (40 CFR 302: CERCLA Table 302.4) Yes - Sodium Hydroxide RCRA Waste Number None Volatile Organic Compounds 0 SARA Hazard Class Acute: Yes Chronic: No Fire: No Pressure: No Reactivity: No NFPA Hazard Rating Health: 3 Flammability: 0 Reactivity: 0 Specific Hazard: 0 XI. DOT SHIPPING INFORMATION Surface: Corrosive Liquid Air: No Proper Shipping Name: Sodium Hydroxide Solution, Nos. 8, UN1824, II Corrosive UN 1824 Class 8 Labels: Corrosive 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.