----- 000031.MSD 96.35.031 MATERIAL SAFETY DATA SHEET Page 1 of 3 TRADE NAME: CS Inks DATE: January 2006 (Revised) I. PRODUCT IDENTIFICATION Part Numbers: CS-174-C Name/Synonym: Lithographic Ink CS-174-5 CS-174-P Manufactured for/Distributed by: Presstek, Inc. 55 Executive Drive Hudson, NH 03051 Day - (603) 595-7000 Night - Chemtrec (800) 424-9300 Emergency Phone - Day II. INGREDIENTS - Confidential Information for Safety/Health Use Only Chemical Name CAS# OSHA ACGIH, NIOSH NTP, IARC WT % PEL TLV, EXPOSURE OSHA LIMITS TWA STEL CARCINOGEN *modified rosin esters N/E & hydrocarbon resins N/E N/E N/E N/E carbon black*** 1333-86-4 3.5mg/m3 N/E N/E No 20-25 No 20-25 petroleum distillate petroleum distiliate(severely hydrotreated)N/EN/EN/EN/ENotechnical white oil8042-47-55mg/m3**N/EN/ENovegetable oilsN/E5mg/m3**N/EN/ENo*vegetable oil alkydsN/EN/EN/EN/ENo*bodied linseed oil67746-08-1N/EN/EN/E 20-25 10-15 3-5 3-5 No 3-5 3-5 *anti-oxidant compound N/E N/E N/E N/E N/E NO * non-hazardous as defined by 29CFR1910.1200. ** as oil mist. *** When wetted with vehicle, as in this product, it is no longer considered to be a health hazard. III. PHYSICAL PROPERTIES Boiling Point (°F): > 200oF Specific Gravity (H2O=1): 1.0+ Vapor Pressure (mmHg): N/A vapor Density (Air=1): N/A
Solubility in Water: < 0.1 %
Denserance (of a content of the second Melting Point: N/A Solubility in Water: < 0.1 % pH: N/A Appearance/Odor:Black paste, oily odor % VOC: 4.5% IV. FIRE AND EXPLOSION HAZARD Flash Point: 260°F PMCC Flammable Limits: LEL: N/E UEL: N/E Extinguishing Media: Foam, CO2, dry chemical. Special Fire Fighting Procedure: Water can be used to keep material cool. Self-contained breathing apparatus may be required. Unusual Fire/Explosion Hazards: Dense smoke generated while burning. N/A = Not ApplicableN/E = Not Established

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V. REACTIVITY DATA

Stability: Stable Conditions to Avoid: Excess heat. Incompatibility, Materials to Avoid: Strong oxidizing agents. Hazardous Decomposition Products: Dense smoke and possible carbon dioxide and carbon monoxide. Hazardous Polymerization: Will not occur.

VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL

Wipe up spills with rags. Dispose of rags in containers for oily waste. Disposal: Landfill or incineration in accordance with local, state and federal regulations for non-hazardous waste.

VII. HEALTH HAZARD DATA

A) Routes of entry, signs and symptoms of overexposure, acute and chronic effects. Eye: Contact may cause burning and irritation. Skin: Prolonged or repeated exposure may cause irritation or dermatitis. Inhalation: Excessive inhalation of vapors may cause headaches, dizziness, drowsiness and nausea. Ingestion: May cause irritation or gastric disturbance. Target Organs: Skin B) Carcinogenicity: Ingredients not found in NTP, OSHA or IARC. C) Medical conditions generally aggravated by normal exposure: Some skin disorders, such as dermatitis. Emergency and First Aid D)

Eye: Rinse with water, at least 15 minutes. If irritation persists, consult a physician. Skin: Wash with mild soap and water. Inhalation: Remove to fresh air. Apply respiration or oxygen if needed. Consult a physician. Ingestion: DO NOT induce vomiting. Get medical aid.

VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: Not normally required. Ventilation: General ventilation as per local or state regulations. Protective Gloves: Not required Eye Protection: Optional Other Protection: Apron, footwear, impervious clothing as needed to avoid excessive skin contact.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Keep containers closed when not in use. Keep away from heat, sparks and open flame. Other: Wash hands and face with soap and water before eating. Do not reuse container. Keep from reach of children. For Commercial/Industrial use only. 96.35.031 MATERIAL SAFETY DATA SHEET Page 3 of 3 CS Ink P/N's: CS-174-P, CS-174-C & CS-174-5

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 None Volatile Organic Compounds 0.42 lbs/gal or 51 g/l (EPA method 24) SARA Hazard Class Acute: no Chronic: no Fire: no Pressure: no Reactivity: no .____. -----H.M.I.S Rating Health: 1 Flammability: 1 Reactivity: 0 ------------

XI. DOT SHIPPING INFORMATION

Surface:Not RegulatedAir:Not RegulatedProper Shipping Name:N/AN/AUN N/EClass:N/ELabels:None requiredNOTE:

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 data 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.