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February 6, 1992

RECEIVED
BOVA SUPPLY
CENTER

PURCHASE ORDER NUMBER: K75272CB

SYRACUSE CITY SCH DIST
BOVA SUPPLY CTR
51023 ERIE BLVD W
SYRACUSE, NY 13204

CUST#: 8981227

TO: Safety Director/Plant Manager/Lab Director
SUBJECT: Material Safety Data Sheets

Enclosed are the Material Safety Data Sheets (MSDS's) listed below for KODAK chemical products you have purchased.

You should maintain a file of these sheets in the event you receive requests for them or have to provide them to your customers or employees as required by certain state right-to-know laws and/or the Federal Hazard Communication Standard. The information contained in a product's MSDS should be provided to each person prior to that person using the product. For customers and users in the State of California, your attention is especially directed to the information provided in the Section of the MSDS entitled, Toxicity and Health Hazard Data. Please feel free to duplicate the information we have provided.

You will not be sent another Material Safety Data Sheet for this product with subsequent orders unless a significant change in information occurs, which would result in a revised MSDS. When a revised MSDS is provided, indicated by an asterisk (*) following the Index No., you should replace any MSDS previously received with the revised MSDS.

Thank you for purchasing KODAK products.

Eastman Kodak Company

<u>Index No.</u>	<u>MSDS Name</u>
J-0003.900H	KODAK EKTAPRINT L TONER



E000078-2-03-03

MATERIAL SAFETY DATA SHEET
EASTMAN KODAK COMPANY

Date of Revision: 11/05/91

Kodak Accession Number: 427732

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PRODUCT INFORMATION

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Product Name: KODAK EKTAPRINT L Toner

Formula: Solid Mixture

Synonym(s): 27TR

Kodak Catalog Number(s): CAT 190 0752 - 900 gms; CAT 808 6597 - 4 x 900 gms

Kodak Hazard Rating Codes: R: 1 S: 1 F: 1 C: 0

Manufacturer/Supplier:

Eastman Kodak Company

343 State Street

Rochester, New York 14650

USA

For Emergency Information: (716) 722-5151

For other purposes, call the Marketing and Distribution Center in your area.

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COMPONENT INFORMATION

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	Weight Percent	CAS Number	Accession Number
Styrene butylacrylate copolymer	90-95	67338-64-1	345841
Carbon black	5-10	1333-86-4	142908

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PHYSICAL DATA

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Appearance and Odor: Black, finely ground powder; slight plastic odor

Melting Point: ca. 60 C (140 F)

Vapor Pressure: Negligible

Evaporation Rate (n-butyl acetate = 1): Negligible

Vapor Density (Air = 1): Not Applicable

Volatile Fraction by Weight: Negligible

Specific Gravity (H2O = 1): 1.17

Solubility in Water (by Weight): Negligible

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FIRE AND EXPLOSION HAZARD

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FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Water spray; Dry chemical; Carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: This material, like most organic materials in powder form, is capable of creating a dust explosion.

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 REACTIVITY DATA
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STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will produce carbon dioxide and probably carbon monoxide.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: Will not occur.
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 TOXICOLOGICAL PROPERTIES
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EXPOSURE LIMITS:

Component: Carbon Black

 Threshold Limit Value (TLV): 3.5 mg/m³, 8-hr TWA, ACGIH 1990-91

 Permissible Exposure Limit (PEL): 3.5 mg/m³, 8-hr TWA, OSHA

EXPOSURE EFFECTS:

Inhalation: Finely divided solid. Do not breath the dust.

Eyes: No specific hazard known. May cause transient irritation.

Skin: Low hazard for recommended handling.

Ingestion: Expected to be a low ingestion hazard.

Overexposure to carbon black dust may result in irritation of the respiratory tract and pneumoconiosis. Dust sampling performed by Eastman Kodak Company during typical copier operation has indicated that levels are well below occupational exposure guidelines and do not present a respirable dust hazard.

TOXICITY DATA:

TEST	SPECIES	RESULT (1)
Skin Irritation	Guinea Pig	Slight
Skin Sensitization	Guinea Pig	None sensitized
Skin Absorption	Guinea Pig	None at 1 g/kg based on lack of mortality, body weight changes and clinical signs.

TOXICITY DATA FOR CARBON BLACK

TEST	SPECIES	RESULT (1)
Mutagenicity	S. typhimurium	Negative

A Health Profile Study of electrographic toner manufacturing employees found no evidence of increased health risk when compared to other hourly employees (1). This finding is based on a review of health history questionnaires, medical examinations, sickness-absence reports, and death certificates.

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PROTECTION AND PREVENTIVE MEASURES

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VENTILATION AND RESPIRATORY PROTECTION: Good ventilation* should be sufficient. Supplementary ventilation or respiratory protection may be needed in special circumstances.

*Typically, 4-6 room volumes per hour is considered good general ventilation: ventilation rates should be matched to conditions of use.

SKIN AND EYE PROTECTION: Safety glasses with side shields should be worn in any type of chemical handling. If prolonged or repeated skin contact is necessary, impervious gloves or other protection may be required.

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STORAGE AND DISPOSAL

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SPECIAL STORAGE AND HANDLING PERCAUTIONS: Keep from contact with oxidizing materials.

SPILL, LEAK, AND DISPOSAL PROCEDURES: Sweep material onto paper and place in fiber carton for incineration. Dispose in an approved incinerator or contract with licensed chemical waste disposal service. Discharge, treatment, or disposal may be subject to federal, state, or local laws.

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FIRST AID

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Inhalation: If symptomatic, remove to fresh air. Get medical attention if symptoms persist.

Eyes: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

Skin: Wash after each contact. Get medical attention if symptoms occur.

Ingestion: Drink 1-2 glasses of water. Seek medical attention.

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ENVIRONMENTAL EFFECTS DATA

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This chemical formulation has not been tested for environmental effects.

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TRANSPORTATION

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For Transportation information regarding this product, please phone the Eastman Kodak Distribution Center nearest you: Rochester, NY (716) 588-3536 or 588-3573 or 588-3505; Oak Brook, IL (312) 954-6000; Chamblee, GA (404) 455-0123; Dallas, TX (214) 241-1611; Whittier, CA (213) 945-1255; Honolulu, HI (808) 833-1661.

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REFERENCES

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1. Unpublished data, Health and Environment Laboratories, Eastman Kodak Company, Rochester, NY

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PREPARATION INFORMATION

Health and Environment Laboratories
Eastman Kodak Company
Rochester, New York 14652-3615

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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