TEXAS INSTRUMENTS MATERIAL SAFETY DATA SHEET

MSDS NUMBER: BLACKRIB.01 MSDS DATE: August 20, 1993
PRODUCT NAME: BLACK INK RIBBON FOR PRINTERS 810, 820, 825, 880, 885 & 895

TI PART NUMBER: 2246601-0001 & -0002 & -0003 TEX264

I. PRODUCT IDENTIFICATION

Manufacturer's Name: Texas Instruments Telephone: (214)995-7113

Address: M/S 81, P.O. Box 655012 Emergency: (214)995-2222

Dallas, Texas 75265

Chemical Name: N/A CAS Number: N/A

Chemical Family: Ink

Synonyms/Common Names: Printer ribbon 810; Printer Ribbon 850; Printer Ribbon 880; Printer Ribbon; 850 Printer Ribbon; 880 Printer Ribbon; 885 P

Ribbon

Chemical Formula: Ink mixture impregnated on a ribbon

TRANSPORTATION DATA

DOT Proper Shipping Name: N/A

DOT Hazard Class: N/A **DOT I.D. Number:** N/A

Hazardous Substance: N/A

II. HEALTH HAZARD INFORMATION

Emergency and First Aid Procedures

Eyes: Not an expected route of exposure. Immediately flush eyes with a directed stream of water for at least 15 minutes, while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention if needed.

Skin: Wash thoroughly with soap and water.

Inhalation: Not an expected route of exposure.

Ingestion: Not an expected route of exposure. Dilute by drinking large quantities of water; if vomiting occurs, administer more water. Get medical attention if needed.

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II. HEALTH HAZARD INFORMATION (Continued)

Routes of Entry/Sites of Exposure

Inhalation: Not an expected route of exposure.

Skin: Absorption through intact skin is not expected. May be mildly irritating to skin.

Eye Contact: If product comes in contact with the eye, it may cause pain, lacrimation, and general inflammation.

Ingestion: In normal use, ingestion is unlikely but, if ingested, it may irritate the gastrointestinal tract.

Routes of Entry/Effects of Overexposure

Acute: Product may be mildly irritating to skin and eyes.

Chronic: No long-term effects are known or expected.

Medical Conditions Generally Aggravated by Exposure: None known.

III. HAZARDOUS INGREDIENT

Material or Component	Hazard Data	CAS Number	Percent
Mineral Oil	Irritant	64742-52-5	N/A
Pigments	N/A	N/A	N/A

These materials are listed in the TSCA Inventory. These materials are not listed as a carcinogen by: IARC, NTP, OSHA.

IV. FIRE AND EXPLOSION DATA

Flash Point: >200 °F

Auto ignition Temperature: N/A

Flammable Limits in air, % by volume - Upper: N/A Lower: N/A Extinguishing Media: Foam, dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full

protective gear.

Unusual Fire and Explosion Hazard: May produce CO on burning.

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V. SPECIAL PROTECTION

Ventilation Requirements: General exhaust recommended.

Specific Personal Protective Equipment

Respiratory: Not necessary.

Eye: Not necessary

Gloves: May be used to prevent staining of skin.

Other Clothing and Equipment: Not necessary.

VI. PHYSICAL DATA

Molecular Weight: N/A Boiling Point: N/D Melting Point: N/D Vapor Pressure: N/D

Specific Gravity ($H_2O = 1$): 0.95

Solubility in H₂O % by Weight: Insoluble

Vapor Density (Air = 1): >1 %Volatile by Volume: 0

Appearance and Odor: Black ribbon with a slightly pungent odor.

pH: N/A

VII. REACTIVITY DATA

Conditions Contributing to Instability: Heat.

Incompatibility: Strong chemical oxidizing agents.

Hazardous Decomposition Products: None.

Conditions Contributing to Hazardous Polymerization: None.

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VIII. HANDLING AND STORAGE

Handling and Storage Precautions: Store in original container. Store away from heat. Wash thoroughly after handling if any material gets on skin.

IX. ENVIRONMENTAL PROCEDURES

Steps to be Taken if Material is Released or Spilled

Since this product is a ribbon impregnated with ink, no release or spill of chemical is expected.

Waste Disposal Method: Dispose of waste material in accordance with Federal, State, and local regulations.

X. ADDITIONAL INFORMATION

The precautions listed in this data sheet are recommended when the material is used as described by product information and specifications. Unusual handling or use methods might require additional or different personal protective equipment.

CAS=Chemical Abstract Service Number; N/D=Not determined or not available; N/A=Not Applicable; PEL=OSHA Permissible Exposure Limit; TLV=ACGIH Threshold Limit Value; PPM=Parts Per Million; mg/m³ =milligrams per cubic meter of air.

10 February 1994 4 326.1.0