

MATERIAL SAFETY DATA SHEET \*

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IBM Part Number(P/N): 1136433

SECTION 1 - MATERIAL IDENTIFICATION

Name: IBM,RIBBON,LIFT-OFF TAPE

SECTION 2 - INGREDIENTS

COMPONENT	% BY WT	TLV PPM	PEL MG/H3	CAS NUMBER
RUBBER RESIN				- -
POLYESTER SUBSTRATE				- -

\*\*2

SECTION 3 - PHYSICAL DATA

Appearance & Odor: WHITE COATED POLYESTER FILM ON SPOOL, NO ODOR  
Vpr.Press.(°C,mmHg): \*\*1 Melt Pt.(°C): 94 \*\*3 Pressurized: NO  
Vpr.Density (Air=1): \*\*1 Boil Pt.(°C): \*\*1 pH: \*\*1  
Water Soluble (%): 0 Evap. Rate: \*\*1  
Sp. Gravity (H2O=1): \*\*1 % Volatile: 1 \*\*4

SECTION 4 - FIRE & EXPLOSION DATA

Flash Pt.(°C): \*\*1 Autoignition Temp.(°C): 316 \*\*5 Flammability Limits(%)  
(Method: )\*\*1 LEL: \*\*1 UEL: \*\*1  
Extinguishing Media: WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM  
Special Fire Fighting Procedures: TOXIC VAPORS MAY REQUIRE NIOSH APPROVED  
SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire and Explosion Hazards: NONE

SECTION 5 - HEALTH HAZARD DATA

Effects of Overexposure: Sensitizer: \*\*1  
Acute: NONE KNOWN  
Chronic: NONE KNOWN  
Emergency and First Aid Procedures: \*\*1  
  
No substances on this MSDS have been found to be a carcinogen  
or potential carcinogen as listed by NTP, IARC or OSHA.

SECTION 6 - REACTIVITY DATA

Stability: STABLE  
Conditions To Avoid:  
Material Incompatibility for Purposes of Transport, Handling, & Storage: \*\*1  
Hazardous Decomposition Temp.(°C): \*\*1 ,Products: CARBON DIOXIDE, CARBON  
MONOXIDE, UNIDENTIFIED ORGANICS.

## SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case a Material is Released or Spilled: \*\*1

Waste Disposal:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. SINGLE RIBBON CARTRIDGES MAY BE DISPOSED OF AS ROUTINE OFFICE TRASH. FOR LARGER QUANTITIES, DISPOSAL BY INCINERATION OR IN SECURE LANDFILL IS RECOMMENDED.

## SECTION 8 - PERSONAL PROTECTION INFORMATION

Normal Use Conditions:

Eye protection: NONE REQUIRED

Protective gloves: IF SKIN CONTACT COULD OCCUR, WEAR IMPERMEABLE GLOVES.

Ventilation: NONE REQUIRED

For Excessive Exposure:

Respiratory Protection: FOR EMERGENCY USE, WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Other: NONE

## SECTION 9 - HANDLING AND STORAGE PRECAUTIONS

Precautions to be Taken in Handling and Storing: AVOID EXCESSIVE HEAT DURING STORAGE.

Special Precautions: KEEP OUT OF REACH OF CHILDREN.

\*\* NOTES:

- (1) NO APPLICABLE INFORMATION WAS FOUND
- (2) MANUFACTURER CONTACT STATES THAT ALL OTHER INFORMATION IS PROPRIETARY.
- (3) APPROXIMATE
- (4) LESS THAN
- (5) GREATER THAN

*\*This information relates only to the specific material designated and may not be valid for such material used in combination with any other material, or in any process. Such information is based on the level of our knowledge as of the date compiled. It is the user's responsibility to determine the suitability of such information for each particular use. No offer or warranty against patent infringement is made by reason of furnishing and use of this information.*

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