



Tally[®]

Material Safety Data Sheet

Product Number: 386511-xx / 080294-xx/080296-xx/

Product Description: MT600/T6000 black ribbon

Composition/Construction: Nylon fabric ribbon impregnated with black ink in a moulded plastic cassette.

Hazards & Handling: In normal use this product is not Hazardous.

Essentially non-irritating to skin, but in event of contamination on skin, wash off with soap and water.

Seek medical advice if irritation persists.

Launder contaminated clothing.

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M A T E R I A L S A F E T Y
 D A T A S H E E T

Line Printers
 MT6XX
 Ribbon

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME : RI-0576 BLACK RIBBON INK EXP 22105
 PRODUCT TYPE .. : Ribbon Ink

MANUFACTURER .. : FORMULABS, INCORPORATED
 ADDRESS : 529 W. FOURTH AVENUE
 P. O. BOX 463070
 ESCONDIDO, CA 92046-3070
 EMERGENCY PHONE (CHEMTREC 24 HOUR): 800-424-9300
 INFORMATION PHONE : 619-741-2345
 PREPARER: Andrew T. Johnson
 REASON FOR MSDS ISSUE: New ANSI Z400.1 format of 1993

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY: PIGMENT/FATTY ACID

HAZARDOUS COMPONENTS	CAS #	WEIGHT %
OLEIC ACID No PEL; OSHA 29CFR1910.1200 (1%) reportable	112-80-1	20-25%
CARBON BLACK ACGIH: TLV = 3.5 mg/m3; OSHA PEL 3.5 mg/m3 IARC (1996) assigned as Class 2B potential carcinogen.	1333-66-4	10-15%
SOLVENT VIOLET 8 No PEL. OSHA 29CFR1910.1200 (1%) reportable. Contains the free base of Basic Violet 3 (Gentian Violet) which has been determined to cause cancer in rats and mice.	52088-55-7	5-10%
PARAFFINIC SOLVENT No PEL; OSHA 29CFR1910.1200 (1%) reportable	PROP.	1-5%
PALMITOLEIC ACID No PEL; OSHA 29CFR1910.1200 (1%) reportable	2051-29-4	1-5%
PALMITIC ACID No PEL; OSHA 29CFR1910.1200 (1%) reportable	57-10-3	1-5%
LINOLEIC ACID No PEL; OSHA 29CFR1910.1200 (1%) reportable	62-53-3	1-5%
MYRISTOLEIC ACID No PEL; OSHA 29CFR1910.1200 (1%) reportable	544-64-9	1-5%
MYRISTIC ACID No PEL; OSHA 29CFR1910.1200 (1%) reportable	544-63-8	1-5%
BASIC VIOLET 3(GENTIAN VIOLET; FREE BASE) Carcinogenic in rats and mice in lifetime feeding studies.	PROPRIETARY	0-1%

The New Jersey Trade Secret Registration Number of proprietary ingredients is controlled by the FORMULABS product item number.

for PNs: 080255
 080259
 080264
 080294
 080296
 080298

3. HAZARDS IDENTIFICATION

HMS CODES: H F R P
 1 1 0 C

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
 Inhalation: No effects are known to exist due to inhalation. This product can be considered relatively nontoxic.
 SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
 Eye/skin: May cause eye and/or skin irritation / sensitization.
 INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

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Ingestion: May cause gastroenterological irritation, vomiting, nausea, and diarrhea.

ACUTE HEALTH HAZARDS

Acute: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None known

CHRONIC HEALTH HAZARDS

None known or determined for the product.

CARCINOGENICITY

Product not tested. IARC, NTP, OSHA and California Proposition 65 listed carcinogen components equal to or greater than 8.1% by weight will be listed in paragraph 2 and described as carcinogens, if any. Carcinogens present in any detectable amount will be listed in paragraph 15, if any.

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES

Swallowed: Do NOT induce vomiting. Call a doctor.

Eye contact: Flush eyes thoroughly with water. Seek medical attention if irritation persists.

Skin contact: Wash contaminated areas with soap and water.

Inhaled: Remove victim to fresh air.

5. FIRE FIGHTING MEASURES

FLASH POINT: > 300°F

METHOD USED: EST.

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: ND

UPPER: ND

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide or dry chemical

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all sources of ignition.

Soak up on paper or other absorbent and scoop into closed containers.

Flush area with plenty of water.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Storage temperature: Standard room temperature (68 degrees Fahrenheit).

Special sensitivity: Heat, light, moisture.

Precautions: Keep container closed. Store away from traffic.

OTHER PRECAUTIONS

None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Approved respirator for organic vapors and fumes.

VENTILATION: Mechanical ventilation is acceptable.

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Goggles or safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impervious clothing where skin contact is unavoidable; eyewash station.

WORK/HYGIENIC PRACTICES: Avoid contamination of food, drink, etc. No smoking when handling.

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DATE PREPARED: 03/29/00

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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: > 500° F
VAPOR PRESSURE (mm of Hg): ND
EVAPORATION RATE (BUTYL ACETATE=1): N.E.
PHYSICAL STATE: Viscous liquid
ODOR: Faint aromatic
SPECIFIC GRAVITY (H2O=1): > 1
VAPOR DENSITY (AIR = 1): > 1
MATERIAL VOC: Not determined
COLOR: BLACK
SOLUBILITY IN WATER: Moderate

10. REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None known
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon and nitrogen.
HAZARDOUS POLYMERIZATION: None

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD
Waste shall be disposed of in accordance with federal, state, and local environmental control regulations.

14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated.

15. PRODUCT REGULATORY INFORMATION

OSHA STATUS: Not tested
TSCA STATUS: This product meets the requirements of the Toxic Substances Control Act.
SARA TITLE III SECTION 313: Not listed.
RCRA STATUS: Not applicable.

NEW JERSEY REPORTABLE COMPONENTS	CAS #
OLEIC ACID	112-80-1
METHYL EICOSENOATE BLEND	76099-35-9
CARBON BLACK	1333-86-4
C.I. SOLVENT BLACK 7	6885-82-5
SOLVENT VIOLET 8	52888-58-7
BASIC VIOLET 3(GENTIAN VIOLET; FREE BASE)	PROPRIETARY

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CALIFORNIA PROPOSITION 65 (CARCINOGENS):

REPORTABLE COMPONENTS	CAS #	WEIGHT %
NICHLER'S KETONE	98-94-8	TRACE AMOUNT
ANILINE	62-53-3	TRACE AMOUNT

CALIFORNIA PROPOSITION 65 (REPRODUCTIVE TOXINS):

REPORTABLE COMPONENTS	CAS #	WEIGHT %
NONE UNLESS LISTED, AS FOLLOWS:		

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Mar-29-00 11:49AM;

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DATE NUMBER: F88037e

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16. OTHER INFORMATION

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. This information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. FORMULABS, INC. makes no warranty, express or implied, as to the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and/or compliance with federal, state, and local laws and regulations.

MSDS