

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTIFY (As Used on Label and List)
 Toner in TK-18 for DP80F and DP85F

Section I

Manufacturer's Name TOSHIBA TEC CORPORATION	Emergency Telephone Number
Address (Number, Street, City, State, and ZIP Code) Shuwa-Shiba Park Bldg. A, 4th floor 2-4-1, Shibakoen Minato-ku, Tokyo 105, JAPAN	Telephone Number for Information +81-3-3438-6948
	Date Prepared 1-Nov-99
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identify Information

Hazardous Ingredients:

Chemical Name: Carbon black	WT%: 1-5 %
CAS No.: 1333-86-4	OSHA Z-Tables: 3.5mg/m3
NTP: Not listed	ACGIH-TLV: 3.5mg/m3
IARC Monographs: Group 2B	

Major Ingredients:

[Generic Name]	[CAS No.]	[WT%]
Polyester resin	+++	>90 %
Carbon black	1333-86-4	1-5 %
Polyolefin wax	+++	1-5 %
Organic pigment	+++	1-5 %
Amorphous silica	+++	< 1 %

+++ : Supplier's confidential information

Section III - Physical/Chemical Characteristics

Boiling Point	N. A.	Flash Point	N. A.
Vapor Pressure (mm Hg.)	N. A.	Melting Point	No data available
Density (g/cm3)	1.2	pH	N. A.
Explosion Properties	No data available	Flammability	No data available
Oxidizing Properties	No data available	Ignition Temperature (Degrees Centigrade)	450
Solubility in Water	Negligible	Partition Coefficient, n-octagonal/Water	N. A.
Appearance	Physical State: Solid Form: Powder Color: Black	Particle Size (um)	5 - 15
Odor	Faint odor	Softening Point (Degrees Centigrade)	120 - 130

Section IV - Fire and Explosion Hazard Data

Flash Point (Method used)	N. A.	Flammable Limits	LEL N.A.	UEL N.A.
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Extinguishing Media

	Water spray, foam, CO2 and dry chemicals
Extinguishing Media to Avoid	Full water jet
Special Firefighting Procedures	None
Unusual Fire and Explosion Hazards	If dispersed in air, like most finely divided organic powders, may form an explosive mixture.
Protection of Firefighters	Use self-contained breathing apparatus (SCBA).
(Reproduce locally)	

* N. A. Not Applicable

CSHA 174, Sept. 1985