

04/14/2005 12:23

5628029285

TANIGUCHI

MATERIAL SAFETY DATA SHEET

Taniguchi Ink Mfg. Co., Ltd.
60-3, 7-Chome, Nishi Ogu
Arakawa-ku, Tokyo 116

Tel : 03-3893-6311
Fax : 03-3800-8228
Emergency Tel : 0297-27-1145
(Otsu Plant, Ibaraki Prefecture, Japan)

Date of Preparation: June 16, 1997

1-888-258-1266

SECTION I :

PRODUCT NAME: TC-6313 ULTRA DENSE BLACK

SECTION II : INGREDIENTS

C.I. Pigment Black 7	18-20%	(CAS No. 1333-86-4)
C.I. Pigment Blue 61	5-7%	(CAS No. 1324-76-1)
C.I. Pigment Blue 15:3	less than 1%	(CAS No. 147-14-8)
Resin modified phenolic resin	25-30%	
Vegetable oil	10-15%	
Ink oil	30-35%	
Additives	less than 5%	

* DOES NOT CONTAIN REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS.

* Lead (Pb), Cadmium (Cd), Chromium (Cr) and Mercury (Hg) have not been used in the ingredients in the state of free element or part of a metal complex by Taniguchi Ink Mfg. Co., Ltd.

SECTION III : PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	: 270-350 ° C (518-662 ° F)	
Appearance and odor	: Oily Black Paste	Specific Gravity : 1.00 ~ 1.10
Solubility in Water	: Insoluble	V.O.C. Value : 143g/l (1.21lb/gal)
Vapor Density	: Heavier than air	Evaporation Rate : Slower than Ether

SECTION IV : EMERGENCY AND FIRST AID INFORMATION

Eye Contact: Immediately flush eyes with cold water for at least 15 minutes. If irritation persists, consult a physician.

Skin Contact: Remove the contaminated clothing or shoes, and wash the affected area thoroughly with soap and water. Consult a physician.

Inhalation: Move to fresh air area. Seek medical attention.

Ingestion: Contact a physician immediately.

SECTION V : FIRE & EXPLOSION INFORMATION

Flash Point : Greater than 130 ° C (266 ° F)

Isolate containers from heat, sparks and open flames. Closed containers may explode when exposed to extreme heat. Water may be used to help cool the containers and prevent pressure build-up and possible ignition when exposed to extreme heat.

Extinguishing Media: CO₂, Dry Chemical, Water Fog, Foam.

04/14/2005 12:23

5628829285

TANIGUCHI
TANIGUCHI, INC.

PAGE 03

SECTION VI : LEAKAGE INFORMATION

Collect spills with shovel and absorbent materials. Clean the spilt area with detergent

Waste Disposal Method: Dispose the waste material in an approved area, and in accordance with all the local, state or federal regulations.

SECTION VII : REGULATORY INFORMATION

TOXIC SUBSTANCE CONTROL ACT (TSCA) STATUS:

The ingredients of this product are on the U.S. TSCA Inventory.

SECTION VIII : TRANSPORTATION INFORMATION

This product is not regulated as a hazardous material by DOT.

SECTION IX : STORAGE AND HANDLING PRECAUTIONS

Storage: Store in closed containers in a cool and well ventilated area.

Handling Precautions: Use protective tools. Wash hands thoroughly before eating, smoking or using toilet facilities.

Other Precautions: For industrial use only. Do not ingest. Avoid prolonged contact with skin and eyes, and breathing of mist or vapor.

Eye Protection: Eye glasses, goggles, or splash guard recommended.

Other Protective Equipment: Apron, boots, impervious clothing recommended to avoid excessive skin contact.

THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS. WHILE BELIEVED TO BE TRUE AND ACCURATE, TANIGUCHI INK MFG. CO., LTD. MAKES NO GUARANTEE OR WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED WITH RESPECT TO THESE INFORMATION AND RECOMMENDATIONS. THE APPLICABILITY OF FEDERAL, STATE, AND LOCAL LAW RELATING TO THIS PRODUCT INFORMATION MUST BE DETERMINED BY THE USER. IN NO EVENT WILL TANIGUCHI INK MFG. CO., LTD. BE RESPONSIBLE FOR DAMAGES OF ANY NATURE WHATSOEVER RESULTING FROM THE USE OF OR RELIANCE UPON THESE INFORMATION AND RECOMMENDATIONS.