# Material Safety Data Sheet

### **PSR-2000 LF02**

Identity (Trade Name As Used On Label)

#### **SECTION 1 - IDENTIFICATION**

TAIWAN TAIYO INK CO.,LTD

Manufacturer

No.7,Ta Tung 2nd Rd.,Kuan-Yin Industry Address

Park Taoyuan, Taiwan, R.O.C.

#### 886-3-483-3234

Phone Number (For Information)

886-3-483-3234

Emergency Phone Number

MSF-00492-02 MSDS Number\*

CAS Number\*

May. 30th,2007

Date Prepared

Nagano Taku Prepared By\*

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available , the space must be marked to indicate that.

#### SECTION 2 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardo Components 1% or greater: Carcinogens 0.1% or greater)	ous %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Heavy aromatic solvent naphtha (petroleum) CAS No. 64742-94-5	≦10.7	N.A.	N.A.	
Silica	$\leq 6.3$	N.A.	N.A.	
Non-Hazardous Ingredients	>83			
Total	100			

# SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	186~196°C	Specific Gravity (H <sub>2</sub> O = 1)	1.3± 0.2
Vapor Pressure (mm Hg and Temperature)	N.E.	Melting Point	N.E.
Field Limit	1.2~7.5%	Solubility in Water	$\leq 11$ wt%
Appearance and Odor	Green liquid with Mild Odor	Flash Point and Method Used	73°C ( Seta C.C. )

# SECTION 4 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide, Foam, Dry chemical
Unsuitable Extinguishing Media	Water spray and water jet.
Exposure Hazards	Burning may release oxides of carbon, nitrogen, sulphur and other toxic gases or vapors. Do not release chemically contaminated water into drains or surface waters. Dispose of contaminated waters and soil according to local regulations.
Protective Equipment for Firefighters	Use full protective clothing and self-contained breathing apparatus.
Measures	Promptly move transferable containers to another safety area. Check the speed and spread of fire. Extinguish the fire with suitable extinguisher from the windward side.

SECTION 5 - HAZ	ARD IDENTIFICATION		
Inhalation	Highly concentrated vapor irritates nose, throat and lungs.		
	May cause headache and dizziness.		
Eye Contact	Slight irritation		
Skin Contact	Slight irritation		
Ingestion	Harmful, if swalloed.		
SECTION 6 - EXPO	SURE CONTROLS AND PERSONAL PROTECTION		
People who know	v they are chemically sensitive, should avoid contact with this product.		
Technical Protective M	easures No special safety measures required.		
Exposure Control Limit	(See PEL and TLV values shown in section 2)		
Respiratory Protection	Wear suitable mask to avoid inhalation of vapor.		
Hand Protection	Wear chemical resistant gloves.		
Eye Protection	Wear safety glasses.		
Skin Protection	Wear suitable protective		
SECTION 7 - FIRS	Γ AID MEASURES		
EMERGENCY FIRST	AID PROCEDURES Seek medical assistance for further treatment, observation and support if necessary.		
Eve Contact	Rinse immediately with clean water for at least 15 minutes.		
	If irritation persists, seek medical attention.		
Skin Contact	Wash with plenty of running water using a mild soap. Do not use organic solvents.		
Inhalation	Immedicately carry the victim to a place where fresh air is available.		
minalation	If irritation persists, treat with oxygen and seek medical attention.		
Ingestion	Obtain medical advice immediately. It's not recommened that vomiting be induced		
Ingestion	except on medical advice.		
SECTION 8 - ACCI	DENTAL RELEASE MEASURES		
Personal Precaution	Avoid ignition sources. Avoid contact with skin, eyes and clothing.		
	Avoid inhalating vapor.		
Environmental Precauti	ons Prevent contamination of soil, drains and surface waters.		
Methods for Cleaning	Scoop up or absorb into combustible material, wipe out a stain in us		
	organic solvents. Dispose in accordance with local regulations.		
SECTION 9 - HAN	DLING AND STORAGE		
Handling	Handle with care. Avoid ignition sources. Ensure good ventilation and local exhaust.		
	Do not smoke at the workplace.		
Stara aa	Store in the original sealed container at less than $25^{\circ}$ C. Avoid direct exposure to UV		
Storage	Store in the original search container at less than 25 C. Avoid direct exposure to U v		

SECTION 10 - STA	BILITY AND REACTIVITY	Y
Stability	The pr	oduct is stable (ambient temperatures).
Conditiones to avoid	±	nd sunlight.
Materials to avoid		acids, strong bases, peroxids and strong oxdizing agents.
Hazardous Decompositi		ng may release oxides of carbon, nitrogen, sulphur and
	other t	oxic gases or vapors.
SECTION 11 - DISE	POSAL CONSIDERATIONS	5
Incineration or land	fill in accordance with local	regulations.
SECTION 12 - TOX	ICOLOGICAL INFORMAT	TION
PRIMARY ROUTE(S)	OF ENTRY	
DERMAL	INHALATION	INGESTION
TOXICITY STUDIES		n carried out on this product. Toxicity information
	available for the ingredients l	isted in section 1 is given below.
HEATH HAZARDS		
ACUTE INGE	STION TOXICITY N.E.	
ACUTE SKIN	IRRITATION Slight	ly irrotant
MUTAGENIC	NONE	
CARCINOGENICITY		
□ NTP	IARC	OSHA 🗌 NOT LISTED
Silica crystalline (or	carbon black) mentioned at Section	on 1 is classified to a carcinogen, because of the specific state
furnished in a powde	er from and which causes lung can	cers, due to the direct inhalation. This case, it is mixed
together with other s	substances and which is furnished	in a liquid preparation, having no capability of allowing
any direct inhalation	of Silica crystalline (or carbon bla	ack) itself. This material furnished in a liquid preparation
has no potential to c	ause any lung cancers.	
SYMPTOMS OF OVER	R EXPOSURE	
INHALATION	Slight irritation to respiratory	tract. Highly concentrated vapor may cause
	headaches, dizziness, and nau	sea.
EYE	Slight irritation	
SKIN	Slight irritation	
INGESTION	Expected to have a low order	of toxicity.
SECTION 13 - ECO	LOGICAL INFORMATION	I
ACUTE FISH TOXICI	FY Ecological data and	re not available.
BIODEGRADABILITY	U.K.	
SECTION 14 - TRA	NSPORT INFORMATION	
ADR	Inflammable Liquid	
IMDG-CODE	Free	
IATA	Free	
US DOT	Combustible Liquid	
UN	Free	
FLASH POINT	73°C (Seta C.C.)	

# SECTION 15 - REGULATORY INFORMATION

	ealth and Safety Law.
and is additionally propos	has been classified officially according to EU, Annex 1., sed to be classified as Repro. Cat.3 R63, S36 due to its erved in a combined one-generation/prenatal developmental

## SECTION 16 - OTHER INFORMATION

This Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

It may not be valid for this material, if used in combination with any other materials.

Optional U.K.= Un-Known N.E.= Not Established N.A.= Not Applicable