

**ITOYA NIKKO PEN** ✓

\* Term. Pen \*

20706-2001  
-2003  
-2005  
-2009



**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

**IDENTITY (As Used on Label and Lex)** PFS 10,-30,-50 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 I** PFS 100P-SST

<b>Manufacturer's Name</b> ITOYA OF AMERICA, LTD.	<b>Emergency Telephone Number</b>
<b>Address (Number, Street, City, State, and ZIP Code)</b> 3540 Voyager Street Torrance, Ca 90503	<b>Telephone Number for Information</b> (213) 371-2294
	<b>Date Prepared</b> April 27, 1990
	<b>Signature of Preparer (optional)</b>

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Organic Solvent Color				15
Natural Resin Processed Goods				10
Etyl Cellosolve				5
Etyl Alcohol				
Propyl Alcohol				70
Butyl Alcohol				

V-2345

**Section III - Physical/Chemical Characteristics**

<b>Boiling Point</b>	110° C	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.98
<b>Vapor Pressure (mm Hg.)</b>	77	<b>Melting Point</b>	n.d.
<b>Vapor Density (AIR = 1)</b>	9, 520 kg/m <sup>3</sup>	<b>Evaporation Rate (Butyl Acetate = 1)</b>	n.d.
<b>Solubility in Water</b>	0.3g/l 0 (liter) (20 C)		
<b>Appearance and Odor</b>	liquid, medium solvent odor		

**Section IV - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b>	40° C	<b>Flammable Limits</b>	n.d.	<b>LEL</b>	<b>UEL</b>
<b>Extinguishing Media</b>	sand or CO2				
<b>Special Fire Fighting Procedures</b>	n.d. (not determined)				
<b>Unusual Fire and Explosion Hazards</b>	n.d.				

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) fire

**Hazardous Decomposition or Byproducts**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI — Health Hazard Data**

Route(s) of Entry: n.d. Inhalation? n.d. Skin? n.d. Ingestion? n.d.

Health Hazards (Acute and Chronic) N.D.

Carcinogenicity: NTP? no IARC Monographs? no OSHA Regulated? no

Signs and Symptoms of Exposure n.d.

Medical Conditions Generally Aggravated by Exposure n.d.

Emergency and First Aid Procedures doctors advice

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled wipe up with alcohol or benzine

Waste Disposal Method in accordance with national, state or local regulations

Precautions to Be Taken in Handling and Storing avoid open flame or high temperature

Other Precautions N.D.

**Section VIII — Control Measures**

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust		Special
	Mechanical (General)	yes	Other

Protective Gloves n/a Eye Protection n/a

Hygiene Practices do not use in airtight room