

MATERIAL SAFETY DATA SHEET


IDENTITY (As Used on Label and List)

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.

43202(KX-P1101, KX-P115, KX-P1151)

Section 1

Manufacturer's Name
S. T. Sangyo Co., Ltd.
 Address (Number, Street, City, State, and ZIP Code)
3-11, 2 Chome Ryutsu-danchi
Koshigaya-shi, Saitama-ken,
343 JAPAN

Emergency Telephone Number
0489-88-6711
 Telephone Number for Information
SAME AS ABOVE
 Date Preparer
NOV. 8, 1999
 Signature of Preparer (Optional) 

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS NUMBER	%
SOLVENT BLACK	8005-02-5	10.0%
SOLVENT BLUE	2390-80-5	1.0%
SOLVENT RED	6483-84-3	0.3%
SOLVENT YELLOW	6706-82-7	1.5%
CARBON BLACK	1333-86-4	6.0%
SURFACE ACTIVE AGENT	81791-53-5	1.5%
FATTY ESTER	26266-58-0 1338-43-8	20.0% 19.7%
MINERAL OIL	72623-87-1 64742-52-5	10.0% 30.0%

Section 3 - Physical/Chemical Characteristics

Boiling Point	OVER 180°C	Specific Gravity	N. A.
Vapor Pressure (mm Hg)	0.01 mmHg / 25°C	Melting Point	OVER -10°C
Vapor Density (AIR=1)	N. A.	Evaporation Rate (Butyl Acetate =1)	N. A.
Solubility in Water	UNDER 1.0		
Appearance and Odor	SWEET		

Section 4 - Fire and Explosion Hazard Data

Flash Point (Method Used)	180°C	Flammable Limits	LEL 0.1	UEL 2.0
Extinguishing Media	Dry chemical, CO2.			
Special Fire Fighting Procedures	Direct spraying of dry chemical or CO2 to fire.			
Unusual Fire and Explosion Hazards				

Keep away from heat, sparks and open flame.

Section 5- Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Avoid extended storage at over 158F.
Incompatibility (Materials to Avoid)			N. A.
Hazardous Decomposition or Byproducts			N. A.
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section 6- Health Hazard Data

Route(s) of Entry: Inhalation? N. A. Skin? N. A. Ingestion? N. A.

Health Hazards (Acute and Chronic)

Eye Irritation: mild irritant.

Ingestion: may be harmful if swallowed.

Carcinogenicity: NTP? N. A. IARC Monographs? Possible human carcinogen (IARC Group 2B) OSHA Regulated? Yes.

Signs and Symptoms of Exposure
May cause or raise phlegm.

Medical Conditions Generally Aggravated by Exposure N. A.

Emergency and First Aid Procedures
Flush eyes thoroughly with clean water and seek medical attention.

Section 7- Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Wipe with wet or paper.

Waste Disposal Method
No special attention required. But not to be dissolved in water.

Precautions to be Taken in Handling and Storing
Store away from high temperature sparks or open flame.

Other Precautions N. A.

Section 8- Control Measures

Respiratory Protection (Specify Type) N. A.

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other
	<u>Local ventilator.</u>	<u>N. A.</u>
	<u>N. A.</u>	<u>N. A.</u>

Protective Gloves Oil-proof gloves. Eye Protection Safety glasses if necessary.

Other Protective Clothing or Equipment
Use other protective goods if necessary.

Work/Hygienic Practices N. A.