

MATERIAL SAFETY DATA SHEET

Data sheet:

Issue date: June.06.2012.

Page: 1 of 4

1. Identification of product and company

Product name: B-66R

Product description: Polyurethane inked roller

Product code: YC-003

Product to be used with: Ink Roll Labeler

Company name: Yushin Chemical Ltd.

2814 Ookawado, Matsubushi-cho,

Kitakatsushika-gun, Saitama, Japan

[Tel:81-048-991-5521](tel:81-048-991-5521)

Fax:81-048-991-5523

2. Composition/Information on ingredients

Name	Concentration weight%	CAS Number
Solvent Black 7	10-20	8005-02-5
Solvent Yellow	0.5-2.0	6706-82-7
Fatty Acid	40-50	112-80-1
Fatty Ester	10-15	26266-58-0
Oleic Acid-Esher Hexyl Ester	20-25	26399-020

Hazard identification

Contact with skin: May cause skin irritation/sensitisation.

Contact with eye: May cause eyes irritation/sensitization

Inhalation: May cause gastrointestinal irritation, vomiting and diarrhea

Hazardous ingredients Solvent Black 7,

4. First aid measures

Contact with skin: Wash contaminated area with soap and water. Seek medical attention if irritation persists

Contact with eye: Flush eyes thoroughly with water. Seek medical attention if irritation persists

Inhalation: Remove victim to an uncontaminated atmosphere and administer oxygen or artificial respiration as needed. Get medical attention

Ingestion: Induce vomiting and call a doctor

MATERIAL SAFETY DATA SHEET

Data sheet:

Issue date: June.06.2012.

page : 2 of 4

5. Fire fighting measures

Extinguishing media: Water, from, CO₂ and powder
Special procedures to fight fire: In case of combustion of large amount, wear an autorespirator and protective media
Explosion or fire hazard: None in normal conditions of usage and storage.

6. Accidental release measures

Personal protection: None
Environmental precautions: Eliminate all sources of ignition
Clean-up method: Soak up on paper or other absorbent scoop into closed containers.

7. Handling and storage

Handling: Avoid contact with skin and eyes. Keep away from the reach of children.
Storage: Keep at room temperature, in a fresh, dark and dry place. Keep container closed.

8. Exposure controls and personal protection

Precautions measures: Use gloves safety glasses with side shield.

9. Physical and chemical properties

Appearance: Polyurethane ink roll in plastic cartridge.
Odour: Faint aromatic.
pH: Not available
Boiling point: > 180 °C
Melting point: > -12 °C
Flash point: 180 °C
Autoignition point: Not available.
Explosive properties: Not available.
Comburent properties: Not available.
Vapour pressure: >0.1mm Hg
Destiny@ 20°C 0.95(H₂O=1)
Viscosity @ 25°C Not available.
Water solubility: >0.5%
Solubility in solvents: Moderate

10. Stability and reactivity

Stability: Stable in normal conditions
Conditions to avoid: None known
Incompatible materials: Strong oxidizers.
Dangerous decomposition products: Carbon and nitrogen oxides. During a fire, irritating and toxic gases may be generated.

MATERIAL SAFETY DATA SHEET

Data sheet:

Issue date: June.06.2012.

page : 3 of 4

11. Toxicological information

Experimental results are relative to specific tests performed according to applicable standards. Tests performed by Laboratories approved by Japan Health Ministry.

12. Ecological information

No data are available as to its effect on the environment.

Avoid uncontrolled disposal.

13. Disposal considerations

The roller must be disposed of according to federal, state and local laws.

14. Transport information

Class: 8(corrosive substances)

Classification number: 2801

Substance name: Dye or dye intermediate. Liquid. Corrosive, n.o.s.

Risk identification number: 88(highly corrosive substance)

Label: nr. 8

15. Regulatory information

Label information according to	67/548/ECC.88/379/ECC,1999/45EEC,2001/58EC directives and following updates
Symbol:	C (corrosive)
R-pharse:	R34 (Cause burns)
S-pharse:	S1/2 (keep under key and away from the reach of children)
	S25 (Avoid eyes contact)
	S26 (In case of eyes contact, wash immediately and thoroughly with water and call a physician)
	S45 (in case of accident and malaise, call immediately a physician e, if is possible, show him the label)
Hazardous ingredients for	Solvent Black 7 CAS 8005-02-5

MATERIAL SAFETY DATA SHEET

Data sheet:

Issue date: June.06.2012.

page : 4 of 4

16. Other information

This sheet contains information required as per applicable European Directives 88/379/ECC, 92/32/ECC, 91/155/EEC 2001/58/EC and following upgrades.

The information contained herein relates only to the referred product as manufactured and put into the market, and is not valid for other combinations of same materials.

This information is based on data considered to be as accurate as possible at the date of issue.

It is the user's responsibility to determine the suitability of such information for his intended use.

<Abbreviation>

ACGIH : American Conference of Governmental Industrial Hygienists

OSHA : Occupational Safety and Health Administration

IARC : International Agency for Research on Cancer

EPA : Environmental Protection Agency(USA)

TSCA : Toxic Substance Control Act(USA)