

		M S D S (1) MATERIAL SAFETY DATA SHEET		HIGHLIGHTER STICK	
				QUICK IDENTIFIER (2)	
FOR		PRODUCERS		<input type="checkbox"/>	
		SUPPLIERS		<input checked="" type="checkbox"/>	
		WAREHOUSERS		<input type="checkbox"/>	
SECTION I - GENERAL INFORMATION					
Manufacturer's name :		KOTOBUKI & CO.,LTD.		Telephone no. : +49-233-3388 (Country Code: + ...)	
Address :		138 KUJIRAI, KAWAGOE SAITAMA, 350-0815 JAPAN		Telefax no. : +49-233-2713	
				Date : Nov. 7, 2002 Prepared by Y. MITSUYA	
SECTION II - HAZARDOUS INGREDIENTS (SPECIFY COMPONENT)					
Hazardous / ingredients (chemical or common name(s)) (3) CAS No. TLV WT Component ppm %					
NO HAZARDOUS INGREDIENTS KNOWN AT THIS TIME.					
SECTION III - PHYS. / CHEM. CHARACTERISTICS (SPECIFY COMPONENT)					
Appearance and odour			PLASTIC BARREL, NON ODOUR		
			COMPONENT HIGHLIGHTER STICK		
Boiling point (°C) :		N.D.		Density (g/cm) : 1.1-1.2	
Vapour density (air=1) :		N.D.		Melting point (°C) : 50-60	
Solubility in water (%) :		MISCIBLE		Evaporation rate : N.D. (butyl acetate = 1)	
Pressurized :	Yes	No	X	% Volatile : (4) 45	
Other characteristics : NONE					
SECTION IV - FIRE AND EXPLOSION HAZARD DATA					
Flash point method used :		NONE		Explosion limits (Vol. -%) LEL : NONE UEL : NONE	
Extinguishing media : CO ₂ , DRY CHEMICAL FORM, WATER FOG OR SPRAY					
Special fire fighting precautions :		NONE		Autoignition temp. (°C) : NONE	
List hazardous products of decomposition : NONE DATA					
Other advice : NONE					
IMPORTANT					
(1) Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate as follows : not applicable = N.A. ; not determined = N.D.					
(2) Product type and common name (used on label and list)					
(3) Cited in any National Regulations on the classification, packaging and labelling of dangerous substance preparations, paints, varnishes, printing inks, adhesives and similar products.					
(4) Part of the mixture which evaporates.					

SECTION V - STORAGE HAZARDS

Stability : unstable Conditions to avoid AVOID HIGH TEMP. (OVER 50°C)
AND LOW TEMP. (UNDER 0°C)
stable

Incompatibility :
(materials to avoid) STRONG OXIDIZING AGENTS

List hazardous products
of decomposition : NOT KNOWN

Hazardous polymerization : May occur Conditions
Will not occur to avoid

SECTION VI - HEALTH HAZARDS

1. Acute : (5) N.D. 2. Chronic : N.D.

Signs and symptoms
of overexposure : (6) N.D.

Medical conditions generally
aggravated by exposure : N.D.

Chemical listed as carcinogen : UNKNOWN

Emergency and
first aid procedures :

Routes of entry	Emergency procedures	Seek medical advice		
Inhalation	CONSULT PHYSICIAN		X	
Eyes	IRRIGATE EYES WITH WATER IMMEDIATELY		X	
Skin	WASH OFF WITH SOAP AND WATER			
Ingestion	CONSULT PHYSICIAN IMMEDIATELY		X	

SECTION VII - SPECIAL PRECAUTIONS

Special precautions to be taken
in handling : AVOID APPLYING IMPACT SUCH AS BY DR

Other precautions : ALWAYS REPLACE THE CAP TIGI

Steps to be taken in case
material is released or spilled : TAKE UP BY MECHANICAL MEAN

Waste disposal methods : DISPOSE AS NONFLAMMABLE WASTE IN ACCORDANCE WITH
LOCAL REGULATIONS

SECTION VIII - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory protection :
(specify type) NOT REQUIRED

Ventilation : Local exhaust : NOT REQUIRED (genera
VENTILATE A ROOM Mechani DESIRABLE Other

Skin and eye protection : NOT REQUIRED

Work / hygienic practices : VENTILATE A ROOM

(5) LD50 shall be noted if known.

(6) Health hazard by ingestion or inhalation
shall be noted if known.

not applicable = N.A.
not determined = N.D.