

MATERIAL SAFETY DATA SYSTEM

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	PERMANENT MARKER INK
GENERAL USE	USE OF THE MARKER PEN
MANUFACTURER'S NAME	DAE MYUNG CHEMICAL INDUSTRY(SHANGHAI)CO.,LTD
COMPANY ADDRESS	NO83,YU JIXI ROAD,YONG FENG STREET,SONG JIANG AREA,SHANGHAI CITY,CHINA
COMPANY PHONE NUMBER	021-6772-8031

2. COMPOSITION/ INFORMATION ON INGREDIENTS

COLOR COMPOSITION	C.I No	CAS No.	(%)
BLACK COLOR	C.I SOLVENT BLACK-27	12237-22-8	7
BLUE COLOR	C.I SOLVENT BLUE-70+C.I SOLVENT RED-218	12237-24-0+82347-07-6+1	
RED COLOR	C.I SOLVENT RED-218+C.I SOLVENT YELLOW-82	82347-07-7+	5+2
GREEN COLOR	C.I SOLVENT BLUE-70+C.I SOLVENT YELLOW-82	12237-24-0+12227-67-5+2	
SKY-BLUE	C.I SOLVENT BLUE-70	12237-24-0	4+3
YELLOW-GREEN	C.I SOLVENT BLUE-70+C.I SOLVENT YELLOW-82	12237-24-0+12227-67-2+5	
VIOLET	C.I SOLVENT BLUE-70+C.I SOLVENT RED-218	12237-24-0+82347-07-2+5	
PINK	C.I SOLVENT RED-218	82347-07-7	7
ORANGE	C.I SOLVENT RED-218+C.I SOLVENT YELLOW-82	82347-07-7+12227-67-2+5	
YELLOW	C.I SOLVENT YELLOW-82	12227-67-7	7
VIOLET (PANTONE No.:2582C)	C.I SOLVENT BLUE-70+C.I SOLVENT RED-218	12237-24-0+82347-07-1+6	
LAKE BLUE (PANTONE No.:313C)	C.I SOLVENT BLUE-70+C.I SOLVENT YELLOW-82	12237-24-0+12227-67-4+3	
LIGHT PINK (PANTONE No.:236C)	C.I SOLVENT RED-218	82347-07-7	3
ETHYL ALCOHOL		64-17-5	45~49
PROPYLENE GLYCOL MONOMETHYL ETHER		107-98-2	38
ROSIN MODIFIED MALEIC RESINE		68309-40-0	10

3. HAZARDS IDENTIFICATION

EYE	NO INFORMATION IS AVAILABLE
SKIN	NO INFORMATION IS AVAILABLE
SESITIZATION	NO INFORMATION IS AVAILABLE
INGESTION	NO INFORMATION IS AVAILABLE
INHALATION	NO INFORMATION IS AVAILABLE
CHROMOSOME ABERRATION	NO INFORMATION IS AVAILABLE
SUB-ACUTE TOXITY	NO INFORMATION IS AVAILABLE
OTHER'S	NO INFORMATION IS AVAILABLE

4. FIRST AID MEASURES

INHALATION	MONE SUBJECT TO FRESH AIR
EYE CONTACT	FLUSH EYES WITH A LARGE AMOUNT OF WATER FOR AT LEAST 15~20 MINUTES. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
SKIN CONTACT	WASH AFFECTED SKIN AREAS THOROUGHLY WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

10. STABILITY AND REACTIVITY

FLASH POINT	NOT AVAILABLE
IGNITION POINT	NOT AVAILABLE
FLAMMABILITY	NOT AVAILABLE
SPONTANEOUS COMBUSTIBILITY	NONE
EXPLOSION	NONE
REACTIVITY WITH WATER	NONE
SELF-REACTIVITY	NOT AVAILABLE
PRODUCT STABILITY	STABLE IN THE AMBIENT TEMPERATURE
CONDITION TO AVOID	KEEP AWAY FROM EXCESSIVE HEAT
CHEMICAL INCOMPATIBILITY	STRONG ACID AND ALKALI

11. TOXICOLOGICAL INFORMATION

INGESTION (ACUTE ORAL TOXICITY AND SUB-ACUTE ORAL TOXICITY)	NO INFORMATION IS AVAILABLE
SKIN	NO INFORMATION IS AVAILABLE
EYE	NO INFORMATION IS AVAILABLE
MUTAGENIC EFFECTS	NO INFORMATION IS AVAILABLE
SENSITIZATION	NO INFORMATION IS AVAILABLE

12. ECOLOGICAL DATA

TOXICITY	NO DATA AVAILABLE
BIO-DEGRADATION	NO DATA AVAILABLE

13. DISPOSAL

DO NOT FLUSH INTO THE SEWER.

14. TRANSPORTATION INFORMATION

DO NOT HAZARD CLASS – – – NONREGULATED

15. REGULATORY INFORMATION

NONE

16. OTHER INFORMATION

NONE