

# HYOSUNG

## TOPILENE



### MATERIAL SAFETY DATA SHEET

#### SECTION I

MANUFACTURER'S NAME :  
HYOSUNG CORPORATION

EMERGENCY TELEPHONE NO. :  
82-2-707-7541/5

ADDRESS: 13th Floor, Gongdeok Building, 450, Gongdeok-Dong, Mapo-Gu, Seoul, Korea

CHEMICAL NAME AND SYNONYMS :  
Polypropylene Block Copolymer

CAS NO. : 9010-79-1

TRADE NAME AND SYNONYMS :  
TOPILENE **J740**

CHEMICAL FAMILY : Polyolefin

FORMULA :  
(CH<sub>2</sub>-CHCH<sub>3</sub>)<sub>m</sub>-(CH<sub>2</sub>-CH<sub>2</sub>)<sub>n</sub>

#### SECTION II - HAZARDOUS INGREDIENT

PAINTS,PRESERVATIVES,SOLVENTS	% WT	TLV (UNITS)	ALLOYS AND METALLIC CONTAINS	% WT	TLV (UNITS)
PIGMENTS	x	None			
VEHICLE	x	None			
SOLVENTS	x	None			
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES				% WT	TLV (UNITS)

#### SECTION III - PHYSICAL DATA

BOILING POINT(760mmHg)	NA	MELTING POINT(°C)	> 150
VAPOR PRESSURE(mmHg at °C)	NA	SPECIFIC GRAVITY(H <sub>2</sub> O=1)	0.89-0.91
VAPOR DENSITY (AIR=1)	NA	PERCENT VOLATILE BY VOLUME	Max 0.1
SOLUBILITY IN WATER	Insoluble	EVAPORATION RATE(WATER=1)	

APPEARANCE AND ODOR : Solid pellets and no odor

#### SECTION IV- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(°C)	None	FLAMMABLE LIMITS	LOW : NA	HIGH : NA
EXTINGUISHING MEDIA	: H <sub>2</sub> O and Chemicals			
SPECIAL FIRE FIGHTING PROCEDURES	: None			

UNUSUAL FIRE AND EXPLOSION HAZARDS : None

#### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE :

EFFECTS OF OVEREXPOSURE : None in case of acute and chronic overexposure

EMERGENCY AND FIRST AID PROCEDURES :

#### SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID :
	STABLE	

INCOMPATIBILITY(MATERIALS TO AVOID) : None

HAZARDOUS DECOMPOSITION PRODUCTS :

Thermal decomposition products may include C, CO, CO<sub>2</sub>, H<sub>2</sub>O and organic vapors.

EMERGENCY AND FIRST AID PROCEDURES :

HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID :
	NOT LIKELY	

#### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED :

Normal procedures for cleaning up use some form of vacuum cleaner's device. Contain and transfer spilled material proper containers.

WASTE DISPOSAL METHOD :

All recovered material should be packaged, labeled, transported and disposed or reclaimed in conformance with applicable laws and regulations and in accordance with good engineering practices. Reclaim where possible.

#### SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION(SPECIFIC TYPE) : In dusty atmosphere, use approved dust respirator.

VENTILATION	LOCAL EXHAUST :	SPECIAL :
	MECHANICAL(GENERAL) :	OTHER :

EYE PROTECTION : Not normally required

PROTECTIVE GLOVES :

Not normally required(wear heat protective gloves if there is potential for contact with heated material).

OTHER PROTECTIVE EQUIPMENT : Same as above

#### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING : Keep in dry area and avoid breathing dusts if generated.

OTHER PRECAUTIONS : Keep containers closed when not in use and during transport.