

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 **J440**

CHEMICAL FAMILY : Polyolefin

FORMULA :
(CH₂-CHCH₃)_m-(CH₂-CH₂)_n

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 ₂ 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 : H₂O 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, CO₂, H₂O 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.