

 LG Chemical Limited LG Twin Tower/ East Wing, 20, Yoido-dong, Youngdungpo-gu Seoul, 150-721 Korea Tel : 822-3773-7743 Fax : 822-3773-7660	MSDS (Material Safety Data Sheet)	File No.	
		Issue Data	
	LUPOY HR-5007A	Revised Data	
		Revised Item	
		Page	1 / 2

SECTION 1. IDENTIFICATION

- 1) PC(Polycarbonate) : 50~70%
- 2) ABS(Acrylonitrile-Butadiene-Styrene) : 30~50%
- 3) Typical Antioxidants : 0~2%
- 4) Typical Lubricants : 0~2%
- 5) Typical U.V Stabilizer : 0~2%

SECTION 2. PHYSICAL DATA

- 1) Boiling point : Not applicable at standard conditions
- 2) Vapor pressure : Not applicable at standard conditions
- 3) Vapor density : Not applicable at standard conditions
- 4) Solubility
 - in Water : Negligible
 - in Other Solvent : Soluble in THF, acetone and other analogous solvents
- 5) Specific gravity : 1.13
- 6) Evaporation rate : Not applicable at standard conditions
- 7) Appearance and Odor : Pellets, Odorless

SECTION 3. FIRE AND EXPLOSION HAZARD DATA

- 1) Flash point : Not applicable
- 2) Flammability : HB(UL-94, File No. E67171M)
- 3) Autoignition point : Not applicable
- 4) Extinguishing media : Usually use water and use extinguishing media appropriate to surrounding conditions
- 4) Special fire-fighting procedures
 - : Cool containers with water spray. In closed stores, provide fire- fighters with self-contained breathing apparatus in positive pressure mode.
- 5) Usual fire and explosion hazards : Irritating gases and dense smoke

SECTION 4. HEALTH HAZARD DATA

- 1) Threshold limit Value : Not established
- 2) Effect of overexposure/ Emergency and first aid procedures
 - Eye(contact) : No toxic symptoms reported. Polymer particle may act as foreign body.
 - Skin(contact) : No toxic symptoms reported.
 - Molten material has the potential to cause thermal burns.
 - Ingestion : No toxic symptoms reported, however, low toxicity by this route is expected based on biological activity of high molecular weight polyester polymers.
 - Inhalation : No toxic symptoms reported. Pellets are not considered an inhalation hazard.
 - Chronic effect : Not available
- 3) Mutagenicity : Not available

	LUPOY HR-5007A	File No.	
		Revised Data	
		Page	2 / 2

SECTION 5. REACTIVITY DATA

- 1) Stability : stable under condition
- 2) Conditions to avoid : Do not heat above 270°C
- 3) Incompatibility : None Known
- 4) Hazardous decomposition product : Carbon Dioxide, Probably Carbon Monoxide
- 5) Hazardous polymerization : Not occur

SECTION 6. SPILL OR LEAK PROCEDURES

- 1) Stability storage conditions to avoid
: Sweep, use vacuum cleaner or shovel into intact packing for waste disposal or possible re-use
- 2) Waste disposal method
: Transfer to an approved disposal area in accordance with regulations on industrial wasted disposal.

SECTION 7. SPECIAL PROTECTION INFORMATION

Protective equipment

Eye : Safety glasses recommended.

Gloves : Protective gloves recommended during melt processing

Respirator : Chemical protect respirator (When handling hot material)

Other protective equipments : If necessary, use protective equipments when handling this product.