

Safety Data Sheet (SDS)

1. Identification Of The Substance / Preparation And Company			
Product Information : POLYLAC®			
Product Number : PA-707, PA-709, PA-709P, PA-709S, PA-717C, PA-726, PA-726M, PA-727, PA-737, PA-756, PA-756S, PA-756H, PA-716, PA-746, PA-746H, PA-746Y, PA-747, PA-747F, PA-747H, PA-747R, PA-747S, PA-749, PA-757, PA-757N			
Application and Restriction : for the production of moulded plastic articles			
Information On Producer/ Supplier Name : Chi Mei Corporation			
Addresses : 59-1, San Chia, Jen Te Village, Tainan County, Taiwan, ROC.			
Phone : 886-6-2663000 Ext.6122 (Safety & Health Development)			
Emergency Phone / Fax : 886-6-2663000 Ext.6122 (Safety & Health Development) / 886-6-2660158			
2. Hazard Identification :			
Not classified as dangerous materials			
See section 11 for more detailed information on health effects and symptoms			
3. Composition/Information On Ingredients			
Single :			
English Name : Acrylonitrile-Butadiene-Styrene Copolymer			
Synonyms : ABS			
Chemical Abstracts Number (CAS No.) : 9003-56-9			
Hazardous Components : None			
Ingredient's REACH Info.	Pre-registration No.	Registration No.	Registration deadline
Acrylonitrile	—	01-2119474195-34-0045	2010.11.30
Styrene	—	01-2119457861-32-0006 01-2119457861-32-0007 01-2119457861-32-0057 01-2119457861-32-0065 01-2119457861-32-0081	2010.11.30
Buta-1,3-diene	—	01-2119471988-16-0044	2010.11.30
Mixing :			
Chemical Character : Not applicable			
Hazardous Components Name of Chinese / English		Concentration / Percentage	
Not applicable		Not applicable	
4. First Aid Measures :			
Emergency And First Aid Procedures :			
● Inhalation : In case of gases evolving from melted resin, move subject to fresh air. Treat symptomatically.			
● Skin Contact : In case of pellets or powder, wash with water.			
In case of melt, wash affected skin area and clothing with plenty of (soap and) water, seek medical advice.			
● Eye Contact : In case of pellets or powder, flush with plenty of water for at least 15 minutes. Seek medical advice if any dust particles still remain			
In case of gases evolving from melted resin of high temperature, flush with plenty of water for			

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at least 15 minutes. Seek medical advice if necessary.			
● Ingestion : Induce vomiting. Rinse mouth with water. Seek medical advice if necessary.			
Major Disease And Harm Effect : None			
First-Aid Personal Protection : Not needed			
Prompt To Doctor : Not necessary			
5. Fire Fighting Measure			
Suitable Extinguishing Media : Water, Foam, Dry chemical powder			
Special Exposure Hazards : None			
Special Extinguishing Procedure : Self contained breathing apparatus			
Special Protection Equipment : Not necessary			
6. Accidental Release Measures			
Personal Protection : Pellets or powder remained on ground may cause slipping			
Environmental Protection : Gather pellets and powder thoroughly to avoid birds or fishes taking from draining water.			
Methods For Cleaning Up : Recovery if not contaminated or Disposal			
7. Handling And Storage :			
Handling : Prevent from fire around handling area. Maintain good housekeeping standards to prevent accumulation of dust. To avoid dust explosion resulting from the existence of powder, electrostatics eliminators and grounding should be fixed to such equipment as air transferring pipes, bag filters and hoppers. Use electrically conductive filters for bag filters.			
Storage : Keep the materials at a cool dry place. Protect from direct sunlight, rain and violent temperature fluctuation. Fire is inhibited around storage area.			
8. Exposure Control/Personal Protection			
Engineering Control :			
Control Factor :			
TWA	STEL	CEILING	Biotic Index (BEI)
N/A	N/A	N/A	N/A
Personal Protection Equipment :			
● Respiratory Protection : Wear masks for cleaning molding machines.			
● Hand Protection : Wear gloves, if necessary for handling melted resin			
● Eye Protection : Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.			
● Skin & Body Protection : Not needed			
Hygiene Procedures : Not necessary			
9. Physical And Chemical Properties / Characteristics			
Appearance : Off white pellet		Odour : None	
Odor threshold : None		PH value : N/A	
Melting Point : N/A		Boiling Point/ Boiling Range : N/A	
Flammability : Yes		Flash Point : N/A	
Decomposition Temperature : >300°C		Test Method : Open Cup Close Cup	
Spontaneous Temperature : >550°C		Exposure Limits : 45 g/m ³	

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Vapor Pressure : N/A	Vapor Density : N/A
Specific Gravity : 1.04	Solubility In Water : Not disssoluble
Partition coefficient(n-octanol/water,iog Kow) : N/A	Volatility Speed : Not volatilizable
10. Stability And Reactivity :	
Stability : Stable and non-reactive under normal handling and storage condition.	
Special Conditions Of Hazardous Reaction : N/A	
Conditions To Avoid : Heat, spark, and fire	
Incompatibility : N/A	
Hazardous Decomposition Products : CO, HCN, AN, SM and NO	
11. Toxicological Information :	
Under the recommended processing conditions small amounts of emitted substance (e.q. residual monomers, residual solvents, decomposition products) may be discharged. According to our experience and information the product has no harmful effects on health if properly handled	
12. Ecological Information	
Ecological Toxicity : To avoid being taken by ocean species or birds, disposal of the waste to the ocean and water sources is inhibited	
Sustainable and De-toxic : N/A	
Ecologic Accumulatability : N/A	
Liquity in Soil : Not liquified	
Other poor Effect : None	
13. Disposal Information :	
Disposal Information : Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution Inadequate incineration may generate toxic gases such as CO, HCN, AN, SM and NO	
14. Transport Information	
Not dangerous cargo.	
keep separated from foodstuffs	
15. Regulatory Information :	
Apply Regulation : Not available	
16. Other Information :	
Reference :	
Unit :	
Lister :	
Date : 2010/11/30	