

MATERIAL SAFETY DATA SHEET

1. Identification Of The Substance / Preparation And Company

Product Information : Acrystex

Product Number : CM-203、CM-205、CM-205G、CM-205M、CM-205I、CM-205N、CM-207、
CM-207G、CM-211、CM-211G

Application and Restriction : Plastics Injection & Extrusion

Information On Producer/ Supplier Name : Chi Mei Corporation

Address : 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.1337 (Market & Business Development) / 886-6-2667981

2. Hazard Identification :

Hazard category : None

Contents of indication : None

Else Hazard : None

3. Composition/Information On Ingredients

Single :

English Name : Poly Methyl methacrylate

Synonyms : PMMA

Chemical Abstracts Number (CAS No.) : 9011-14-7

Hazardous Components(Percentage For Chemical Ingredient) : > 99 % (Additives $\leq 1\%$)

Mixing :

Chemical Character : No

Hazardous Components Name of Chinese / English	Concentration / Percentage
No	No

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 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 needed



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)
Not determined	Not determined	Not determined	Not determined

Personal Protection Equipment :

- Respiratory Protection : Wear masks for cleaning molding machines.
- Hand Protection : Gloves
- Eye Protection : Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
- Skin & Body Protection : No

Hygiene Procedures : No

9. Physical And Chemical Properties / Characteristics

Appearance : pellets	Odour : No
Odor threshold : No	PH value : N/A
Melting Point : N/A	Boiling Point/ Boiling Range : N/A
Inflammability : Yes	Flash Point : °F °C
Decomposition Temperature : >300°C	Test Method : Open Cup Close Cup
Spontaneous Temperature : >550°C	Exposure Limits : N/A
Vapor Pressure : N/A	Vapor Density : N/A
Specific Gravity : 1.16 ~ 1.20	Solubility In Water : No
Partition coefficient(n-octanol/water,log Kow) : N/A	Volatility Speed : not Volatility



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 and fire

Incompatibility : N/A

Hazardous Decomposition Products : CO, MMA

11. Toxicological Information :

Way of Exposure : Dust Explosion .Possible if powder exists.

Symptom : Irritancy to eyes

Acute : N/A

Chronic Toxicity : N/A

12. Ecological Information

Ecological Toxicity : Put into containers for reclaiming or disposal from polluting the environment.

Sustainable and De-toxic :

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.

14. Transport Information

The United Nations Number(Un-No) : Not determined

The United Nations Shipping Name : None

D.O.T. Hazard Class : Not determined

Package Category : Not determined

Maritime Pollutants : No

Special Transport Way And Note : No

15. Regulatory Information :

Apply Regulation : Not available

16. Other Information :

Reference :

Unit : Chimei. Corp RD-1

Lister : 886-6-2663000 Ext.1745 William

Date : 2014/12/31

