



Materias Safety Data Sheet(MSDS)

Date : 2015. 06. 01

1. Product and company identification

- A. Product name : MAU-NC
- B. Recommended use of the chemical and restrictions on use
 - Recommended use : Injection molding
 - Restrictions on use : Not applicable
- C. Manufacturer/Supplier Information
 - Symbol : Mavin Corporation Ltd.
 - Address : C-912, Indeokwon IT Valley, 40 Imiro, Uiwang-si, Gyeonggi-do, Korea
 - Phone number : 031-386-3991~2
 - Fax : 031-386-3990

2. Hazards-risks identification

- A. Hazards-risks classification : Not classified
- B. Label elements including precautionary statements
 - Symbol : Not applicable
 - Signal Word : Not applicable
 - Hazards-risks statements : Not applicable
 - Precautionary statements : Not applicable
- C. Other Hazards-risks which are not included in the classification criteria(NFPA)
 - Health : 1
 - Flammability : 0
 - Instability/reactivity : 0

3. Composition/Information on ingredients

Chemical Name	Other name	CAS No.	Content (%)
Polyamide6	PA6, Nylon6	25038-54-4	> 98
Others	-	-	< 2

4. 응급조치요령

- A. Eye contact : Wash thoroughly with clean water.
Get medical advice if irritation develops.
- B. Skin contact : Wash exposed area with water.
Don't attempt to remove it from the skin.
Get medical attention.
- C. Inhalation : Remove to fresh
If breathing is difficult, administer oxygen and get medical attention.
- D. Ingestion : If conscious, give 2-4 cupfuls of water, and get medical attention.
Never give anything to an unconscious person. Get medical attention immediately.
- E. Indication of immediate medical attentior : No specific treatment.
and notes for physician



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5. Fire-Fighting measures

- A. Suitable (and unsuitable) extinguishing media
 - Suitable extinguishing media : Carbon dioxide, Water, Powder fire extinguisher, Sand
 - Unsuitable extinguishing media : No data available
- B. Specific hazards arising from the chemical
 - Combustion materials : Carbon monoxide, Carbon dioxide etc.
- C. Special protective equipment for fire-fighters
 - Protective equipment : Firefighter should wear proper protective equipment and self contained breathing apparatus(SCBA).

6. Accidental release measures

- A. Personal precautions, protective equipment and emergency procedures
 - Emergency procedures : To prevent slipping, immediately clean up spilled product.
In the case of molten state, it will be cleaned after cooling.
 - Protective equipment : Wear appropriate personal protective equipment.
- B. Environmental precautions and protective procedures
 - Protective equipment : Avoid being leaked into the soil or river.
- C. Methods for purifying and cleaning up
 - Methods for cleaning up : Collect spilled product and put in a prescribed container.

7. Handling and storage

- A. Precautions for safe handling : Be careful not to damage the packing during transport.
- B. Conditions for safe storage : The product should be kept sealed.
Keep away moisture and sunlight.

8. Exposure controls & personal protection

- A. Exposure limit values, biological limit values
 - Domestic regulation : No data available
 - ACGIH regulation : No data available
 - Biological limit values : No data available
- B. Appropriate engineering controls : Install ventilation systems to prevent air pollution.
- C. Personal protective equipment
 - Respiratory protection : No data available
 - Eye protection : Wear glasses to protect eyes from dust and steam.
 - Hands protection : Wear heat-resistant gloves when handling the molten product.
 - Body protection : Wear heat/dust-resistant work clothes.
Wear safety shoes to prevent slip and impact.
Wear a safety helmet .

9. Physical and chemical properties

- A. Appearance : Solid(Pellet)
- B. Odour : Odourless



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C. Odour threshold	: No data available
D. pH	: No data available
E. Meting point/freezing point	: 220 ~ 230°C
F. Initial boiling point and boiling range	: No data available
G. Flashing point	: No data available
H. Evaporation rate	: No data available
I. Flammability(solid, gas)	: No data available
J. Flammability or explosive limits	: No data available
K. Vapor pressure	: No data available
L. Solubility:	: No data available
M. Vapor density	: No data available
N. Specific gravity	: 1.14
O. Partition coefficient: n-octanol/water	: No data available
P. Auto-ignition temperature	: No data available
Q. Decomposition temperature	: No data available
R. Viscosity	: No data available
S. Molecular weight	: No data available

10. Stability and reactivity

A. Chemical stability and possibility of hazardous reactions	
Chemical stability	: Stable
Possibility of hazardous reactions	: No hazard reaction known
B. Conditions to avoid	: Ignition source(spark, flame etc.)
C. Incompatible materials	: Combustible materials, acid, base
D. Hazardous decomposition products	: No data available

11. Toxicological information

A. Likely routes of exposure	: No data available
B. Health hazards information	
Acute toxic	
Oral	: No data available
Percutaneous	: No data available
Inhalation	: No data available
Skin corrosive / irritant	: In the case of solid state, not applicable. : In the case of molten state, it can cause burns.
Serious eye damage/eye irritation	: In the case of solid state, not applicable. : In the case of molten state, it can cause serious damage to eyes.
Respiratory sensitization	: No data available
Skin sensitization	: No data available
Carcinogenicity	
Industrial safety and health act	: No data available
Ministry of Employment and Labor	: No data available
IARC	: No data available
OSHA	: No data available
ACGIH	: No data available
NTP	: No data available



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EU CLP	:	No data available
Germ cell mutagenicity	:	No data available
Reproductive toxicity	:	No data available
Specific target organ toxicity	:	
Single exposure	:	No data available
Repeated exposure	:	No data available
Aspiration hazard	:	No data available

12. Ecological information

A. Aquatic and terrestrial ecotoxicity	
Fish	: No data available
Crustacean	: No data available
Alga	: No data available
B. Persistence and degradability	
Residue-prone	: No data available
Degradable	: No data available
C. Bioaccumulative potential	
Condenasability	: No data available
Biodegradable	: No data available
D. Mobility in soil	: No data available
E. Other adverse effects	: No data available

13. Disposal considerations

A. Disposal method	:	Follow the Waste Management Act
B. Disposal precaution	:	Not applicable

14. Transport information

A. UN number	:	Not applicable
B. Proper shipping name	:	Not applicable
C. Transport hazard class	:	Not applicable
D. Packing group	:	Not applicable
E. Marin pollution	:	No data available
F. Safety precautions for transporting		
Fire	:	No data available
Leak	:	No data available

15. Regulatory information

A. Industrial Safety and Health Act	:	Not applicable
B. Toxic Chemical Control Act	:	Not applicable
C. Dangerous Material Safety Control Act:	:	Not applicable
D. Wastes Management Act	:	Not applicable
E. Other requirements in domestic and other countries		
Domestic		
Persistent Organic Pollutants Control Act:	:	Not applicable



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Other countries

U.S. Regulation

OSHA regulation	
CERCLA regulation	: Not applicable
EPCRA 302 regulation	: Not applicable
EPCRA 304 regulation	: Not applicable
EPCRA 313 regulation	: Not applicable
Rotterdam Convention material	: Not applicable
Stockholm Convention material	: Not applicable
Montreal Protocol material	: Not applicable
EU classification information	: Not applicable

16. Other information

A. Information source	: Korea Occupational Safety and Health Agency
B. Issuing date	: Jan 01, 2009
C. Revision number and date	
Number	: Revision 03
Date	: Jun 01, 2015