

MATERIAL SAFETY DATA SHEET

Issue date: April 27, 2017

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1. PRODUCT AND COMPANY IDENTIFICATION

-Product Name : MPG-S

-Product Use : Plastic Purge Compounds

-Supplier

MISUMI Corporation

Kudan-Kaikan Terrace 1-6-5, Kudanminami, Chiyoda-ku, Tokyo, Japan

TEL: +81-3-6777-7575

Administrative Number: MPG-S_ENG

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

PHYSICAL AND CHEMICAL HAZARDS: not applicable

HEALTH TOXICITY: not applicable

HAZARDOUS TO THE AQUATIC ENVIRONMENT: not applicable

GHS LABEL ELEMENTS:

Pictograms: None

Signal word: None

Hazard statements: None

[First-aid]: Refer to "4. FIRST-AID MEASURES"

[Storage]: Refer to "7. HANDLING AND STORAGE"

[Disposal]: Refer to "13. DISPOSAL CONSIDERATIONS"

3. CONPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Component	% By Weight	CAS Number
Olefinic resin	more than 50%	non-disclosure
Other additives	less than 50%	non-disclosure

4. FIRST AID MEASURES

Eyes: Flush eyes, including under the eyelids, with large amount of water.
If irritation persists, seek medical attention.

Skin: Wash thoroughly with mild soap and water.

Ingestion: Induce vomiting and wash a mouth well. Seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, water-jet and other various fire extinguishers

SPECIFIC HAZARDS/TOXICITY AT FIRE: There is no information as yet

FIRE-FIGHTING INSTRUCTIONS: Nothing in particular

PROTECTION TO FIRE-FIGHTERS: Perform it from windward and wear a tool for protection by all means

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION: When both pellets and powders are spilled on the floor, promptly clean to prevent slipping

ENVIRONMENTAL NOTES: Due to possible adverse affects to fish, birds,etc.,Immediately clean up any material that may have spilled into bodies of water

REMOVAL METHOD: Sweep with vacuum cleaner,broom,etc.,and dispose of properly

PREVENTIVE MEASURE OF SECONDARY DISASTER: None

7. HANDLING AND STORAGE

Handling: Thought there is less likelihood of pellets igniting under normal temperatures, avoid any fire/ignition sources in the vicinity of the product and perform adequate housekeeping to keep the surrounding clean

Storage:

SUITABLE STORAGE CONDITION: Away from high temperatures and high humidity, heat. Avoid direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL OF CONCENTRATION: Not established

PERMISSION OF CONCENTRATION: Not established

PROTECTION MEASURES:

Respiratory organ: It's not usually necessary, but wears mask(for organic gas)as needed

For hand: Wear oilproof gloves when touch for a long time or repeatedly

For eye: Wear glasses when pellets is scattered

For skin & body: Work wear with long sleeves is recommended when molten resin is handled

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Shape: Pellet
Color: No coloration
Odor: Unscented at the normal temperature. Specific slight odor when melting temperature.

Decomposition temperature: 360°C(in twenty minutes)

Melting point: No date
Softening point is 140°C

Volatility: None

Explosion properties: None

Solubility: insoluble(Water)

Burnability UL94-HB

specific gravity About 1.0 (23°C)

flash point Without experience

ignition point 450°C (estimation)

10. STABILITY AND REACTIVITY

Stability: This product is stable under all normal condition of storage.
Hazardous polymerization will not occur.

Conditions to avoid: Avoid using outside the specified range for the use temperature

Material to avoid: No date

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: 1.Oral: Classification
2.Dermal: Classification
3.Inhalation(gases): Classification
4.Inhalation(vaper): Classification

Skin Corrosion/imitation: No date available

Serious Eye Damage/Eye imitation: No date available

Respiratory or Skin Sensitization: No date available

Germ Cell Mutagenicity: No date available

Carcinogenicity: No date available

Reproductive Toxicity: No date available
Specific Target Organ/Systemic Toxicity (single exposure): No date available
Specific Target Organ/Systemic Toxicity (repeated exposure): No date available
Respiratory Toxicity by Inhalation: No date available

12. ECOLOGICAL INFORMATION

Mobility: No date available
Residual/Degradability: No date available
Bioaccumulativity: No date available
Ecotoxicity: No date available

13. DISPOSAL CONSIDERATION

Refer to all federal, state and local regulations.
Do not dump this product into sewers, on the ground or into any body of water.

14. TRANSPORT INFORMATION

LAND TRANSPORT

ADR, RID, DOT

Class: Not applicable
Packing group: Not applicable
UN Number: Not applicable
Proper Shipping Name: MISUMI PURGE (Plastic Purge Compounds)

SEA TRANSPORT

IMDG

Class: Not applicable
Packing group: Not applicable
UN Number: Not applicable
Proper Shipping Name: MISUMI PURGE (Plastic Purge Compounds)

AIR TRANSPORT

ICAO/IATA

Class: Not applicable
Packing group: Not applicable
UN Number: Not applicable
Proper Shipping Name: MISUMI PURGE (Plastic Purge Compounds)

15. OTHER INFORMATION

All reasonable care has been taken in the preparation of the information contained herein, the manufacturer extend no warranties, makes no makes representation and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.