

## Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : MSP-150, -200, -350, -1500, -3000, -3500, -4000  
Other Name : Methyl Silicone Powder, MSP Amorphous Series  
Company Name : NIKKO RICA CORPORATION  
Address : Ascend Kanda Bldg., 10-2 Kanda-tomiyamacho,  
Chiyoda-ku, Tokyo 101-0043 Japan.  
Department in Charge : Sales Dept. Tel +81-3-5209-9870 Fax +81-3-5209-9874  
Emergency Contact : Sales Dept. Tel +81-3-5209-9870 Fax +81-3-5209-9874  
SDS No. : HE(2)-051114(E)-05  
Date Revised : 20.February.2013

### 2. HAZARD IDENTIFICATION

GHS Classification : Not applicable for GHS classification.  
GHS Label Elements  
Pictogram or Symbol : None.  
Signal Word : None.  
Hazard Risk Statement : Not hazardous.  
Precautionary Statement  
Prevention : Do not breathe dust.  
Avoid contact with eyes.  
Use only outdoors or in a well-ventilated area.  
Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove  
contact lenses, if present and easy to do. Continue rinsing.  
Storage : Not applicable.  
Disposal : Not applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Single Product or Mixture : Single  
Chemical Name or Generic Name : Polymethylsilsesquioxane : Water(Moisture Content)  
Content(%) :  $\geq 99\%$  :  $\leq 1\%$   
Official Gazettes File No.(CSCL) : 7-476 : Not applicable.  
CAS No. : 68554-70-1 : 7732-18-5

### 4. FIRST-AID MEASURES

If Inhaled : Move to the place of fresh air, blow your nose, gargle, and submit to medical  
treatment.  
If on Skin : Flush away with flowing water well, wash with soap well. According to  
symptom it is better to consult a doctor.  
If in Eyes : Flush away with flowing water immediately more than 15 minute, then it is  
better to consult a doctor.  
If swallowed : Flush away in the mouth by water well, if possible insert finger into the throat  
to induce vomiting. Consult a doctor immediately.

### 5. FIRE FIGHTING MEASURES

Fire-Extinguishing Media  
Small Fire : Fire-extinguishing powder, Fire-extinguishing form, Carbonic anhydride  
Conflagration : Sprinkle water, Spray water, Normal fire-extinguishing form  
Prohibited Extinguishing Media : No deta  
Specific Methods of Fire Fighting : Cut off original of fire, extinguish a fire by using proper Extinguishing agent.  
Cut off the air to have efficacy as using fire-extinguishing foam. To escape a

fire, water spray and cool down to around a tank, building. Extinction operation should handle by windward side.  
Protection for Fire-fighters : Have on proper air breathing apparatus, protective cloth when operate extinction.

---

## 6. ACCIDENTAL RELEASE MEASURE

---

Personal Precautions, Protective Equipment and Measures on Emergency : Promptly isolate the spillage area within proper distance in all directions. Keep out any unauthorized persons. Operators should wear proper personal protective equipment (Refer to 8.EXPOSURE CONTROLS, PERSONAL PROTECTION) and avoids contacts with the eye and the skin or inhalation. Do not touch or walk on the spilt stuff.

Environmental Precautions : Be careful not be let the product spill into sewerage and rivers. Do not release into the environment.

Collection/Neutralize : Recover to empty container use by broom and shovel. Clean off by cleanser.

Method/Equipment for Containment and Cleaning : Stop leakage if deemed safe.

Prevention of secondary hazards : Clean floor carefully to avoid danger of slipping on residues. Immediately remove all ignition sources. Ensure no objects are scattered around.

---

## 7. HANDLING AND STORAGE

---

Handling

Technical Measures : Wear proper personal and carry out facility measure described in refers to 8.EXPOSURE CONTROLS, PERSONAL PROTECTION.

Local Ventilation/Overall Ventilation : Implement local and overall ventilation as described in refers to 8.EXPOSURE CONTROLS, PERSONAL PROTECTION.

Precautions for safe handling : Avoid contact, inhaling, or swallowing. Exhaust mist for keeping its concentration below exposure limit. Wash hands well after handling.

Avoid contact : Refers to 10.STABILITY AND REACTIVITY.

Storage

Proper Storage Conditions : Avoid a place high-temperature and humidity and direct rays, should stored at airtight storage.

Safe Container and Packing Material : Plastic container, Glass bottle.

---

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

---

Controlled Concentration : Not specified

Permissible Concentration

Japan Society for Occupational Health Recommended Value(Ver.Year ) : Not specified

ACGIH ( ) : Not specified

Protective Facility : Establishment of whole and local ventilation, eye washer.

Personal Protective Equipment

Respiratory Protective Equipment : Dust mask

Hand Protection : Rubber and plastic glove

Eye Protection : Goggle, Safety glasses

Skin and Body Protection : Boots, Apron

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

Physical State, Shape, and Color : White powder

Odor : Mostly none

Melting Point : No data

Flash Point	: No data
Auto-Ignition Temperature	: No data
Explosion limit	: No data
Relative Density	: 1.3 (25°C)
Solubility	: Insoluble with water
Dust Explosion	: No data

---

## 10. STABILITY AND REACTIVITY

---

Stability	: Stable under usual conditions.
Possibility of Hazardous Reaction	: No data
Conditions to Avoid	: Heat, Flame, Ignition source
Reaction Hazardous Materials	: No data
Hazardous Decomposition Products	: No data

---

## 11. TOXICOLOGICAL INFORMATION

---

Acute Toxicity	: No data
Skin Corrosion/Irritation	: No data
Serious Eye Damage/Eye Irritation	: No data
Respiratory Sensitization	: No data
Skin Sensitization	: No data
Germ Cell Mutagenicity	: No data
Carcinogenicity	: No data
Reproductive Toxicity	: No data
Specific Target Organ Toxicity Single Exposure	: No data
Specific Target Organ Toxicity Repeated Exposure	: No data
Aspiration Hazard	: No data

---

## 12. ECOLOGICAL INFORMATION

---

Bio-Toxicity	: No data
Residual Property/Degradability	: No data
Bioaccumulation Potential	: No data
Mobility in the Soil	: No data

---

## 13. DISPOSAL INFORMATION

---

Waste from Residues	: Disposal should follow the related laws and ordinances and the instructions of local government. Entrust disposal to industrial waste disposers under license of the local government or local public bodies if they handle such disposal. When disposal is entrusted, industrial waste disposers or others must be made fully aware of the hazardous and the toxic nature of the waste.
Contaminated Containers or Packaging	: The container should be disposed in accordance with the related laws and ordinances and the instructions of the local government. When the empty container is disposed, its content must be completely removed.

---

## 14. TRANSPORT INFORMATION

---

UN Class	: Not regulated
International Regulation	
Marine Control Information	: Non-dangerous article
Aero Control Information	: Non-dangerous article
Domestic Regulation	

Land Control Information : Non-dangerous article  
Marine Control Information : Non-dangerous article  
Aero Control Information : Non-dangerous article

---

## 15. REGULATORY INFORMATION

---

JAPAN Industrial Safety and Health Law (Article 57-2 Notification Substance)

: Not applicable

JAPAN Poisonous and Deleterious Substances Control Act

: Not applicable

JAPAN Fire and Disaster Management Act

: Not applicable

JAPAN Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof (PRTR)

: Not applicable

JAPAN Ship Safety Act : Not applicable

JAPAN Civil Aeronautics Act : Not applicable

JAPAN Act on Prevention of Marine Pollution

: Not applicable

JAPAN Export Trade Control Order (The judgment of whether to correspond to the cargo under export control in Attached Table 1-Article 1 to 15 (Without Article 16) and Attached Table 2

: Not Applicable

---

## 16. Other Information

---

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of NIKKO RICA CORPORATION. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. NIKKO RICA CORPORATION assumes no legal responsibility for use of or reliance upon this information. This document is for Japan. Please refer to national measures that may be relevant.

---

-end-