

## Safety Data Sheet (SDS)

Established Date: 25/Sep/2023

### 1. Identification of the Substance and of the Company

**Product Identifier:** Seal Peel Hot Type #011

**Supplier Information:**

Company Name: MITSUBISHI MATERIALS CORPORATION  
Address: 3-2-3, Marunouchi, Chiyoda-ku Tokyo 100-8117 Japan  
Contact Department: Metalworking solutions company Quality Assurance Division  
Phone Number: +81-3-5252-5381  
FAX Number: +81-3-5252-5436  
Emergency Phone Number: +81-78-936-1566, +81-78-936-1511  
Quality Assurance Division Akashi Branch  
8:45am to 5:30pm, except Sundays, National holidays and Company holidays.

**Recommended Use of the** Seal Peel Hot Type #011

No information

**Restrictions on Use of the** Seal Peel Hot Type #011

No information


### 2. Hazard Identification

**The GHS Classification**

Physical Hazard:	• Flammable solid	Not Classified
Health Hazard:	• Respiratory sensitization • Skin sensitization • Reproductive toxicity • Specific target organ toxicity (Single exposure)	Category1 Category1 Category1A Category2 (Nervous System)
Environmental Hazard:	• Hazardous to the aquatic environment prolonged (Chronic hazard) • Hazardous to the aquatic environment Short-term (Acute hazard)	Category2  Category2

Other hazards are not listed are unclassifiable or non-applicable by GHS.

**GHS Label Elements**

Hazard Pictograms:	
Signal Words:	Danger
Hazard Statements:	• Risk of causing allergies, asthma or breathing difficulties if inhaled. • Risk of causing an allergic skin reaction. • May damage fertility or the unborn child. • Toxic to aquatic life with long lasting effects. • Risk of damage to the nerve system.

Precautionary Statements:	<p><b>【Prevention】</b></p> <ul style="list-style-type: none"> <li>• Wear protective gloves, protective clothing, eye protection, and protective face.</li> <li>• Do not eat, drink or smoke while using this product.</li> <li>• Obtain a user manual before using this product.</li> <li>• Use this product outdoors or in a well-ventilated place.</li> <li>• When insufficient ventilation, wear respirator</li> <li>• Do not breath dust / gas / mist / vapor / spray.</li> <li>• Avoid dust / gas / mist / vapor / spray.</li> <li>• Do not allow the product to be emitted into the environment.</li> </ul> <p><b>【Responses】</b></p> <ul style="list-style-type: none"> <li>• If the material comes into contact with your skin, wash the affected area with plenty of water and soap.</li> <li>• If skin irritation or a rash occurs, seek medical treatment.</li> <li>• If inhale, move to the place in the fresh air and rest in a comfortable position.</li> <li>• Consult a doctor if you have breathing problems.</li> <li>• Seek medical treatment if you are, or may have been exposed to this material.</li> <li>• Take off contaminated clothing and wash it before reuse.</li> <li>• Collect spillage</li> </ul> <p><b>【Storage】</b></p> <ul style="list-style-type: none"> <li>• Store in a well-ventilated place and keep cool.</li> </ul> <p><b>【Disposal】</b></p> <ul style="list-style-type: none"> <li>• Dispose of the contents and the container in accordance with international, national, prefectural and local rules.</li> </ul>
---------------------------	--

### 3. Composition/Information on Ingredients

#### Distinction between chemical substance and mixture

Mixture

#### Chemical name or general name

Thermoplastic resin “Ethyl cellulose-based resin”

Ingredient	Mineral Oil
Content%	52.00
Chemical Formula	Not identified
Ref# in Gazetted List in Japan	Not identified
C A S NO.	Not identified

### 4. First-Aid Measures

#### If Inhaled

- Immediately remove victim to fresh air and seek medical attention.
- If breathing is weak, give artificial respiration.

#### If on Skin

- Take off immediately all contaminated clothing. Rinse skin with water / shower.
- Wash with soap and water.
- If any change appears, or if skin irritation occurs: Get medical advice / attention.

#### **If in Eyes**

- Immediately flush with clean running water for at least 15 minutes, then seek medical attention from an ophthalmologist.

#### **If Swallowed**

- Immediately induce vomiting, rinse mouth thoroughly with water, and seek medical attention.
- Never induce vomiting if unconscious.

### **5. Fire-Fighting Measures**

#### **Extinguishing method**

- In case of early fire, use powder, dry sand, CO<sub>2</sub>.
- For large-scale fire, it is effective to block the air by using foam extinguishing agents.
- Also, to prevent the spread of fire, water can be used to cool the surrounding tanks and buildings.
- Extinguish the fire from the windward side, and wear respiratory protective equipment in some cases.

### **6. Accidental Release Measures**

- This material is solid at room temperature and does not leak.
- If this material leaks from the tank during dissolution, absorb it with dry sand or soil and collect it in a container. This is because it has a high material temperature.
- Promptly remove ignition sources near the melting site.
- Be sure to wear protective equipment while working. Have firefighting equipment ready in case of ignition.
- Depending on the surrounding conditions, the temperature of the spilled material may be lowered to solidify it and recover it.

### **7. Handling and Storage**

#### **Handling**

- (A) Dissolution work should be carried out in a well-ventilated place.
- (B) If the working temperature reaches 180°C, a small amount of smoke may appear.  
Avoid inhaling it.
- (C) Wear suitable protective clothing to protect against inhalation and contact with eyes, skin or clothes. Handle the material upwind as much as possible and be careful not to get exposed to the material.
- (D) When submerging heavy parts in the material, be careful not to drop the parts.
- (E) During dissolution, carefully control the temperature in order to prevent overheating. Although the material does not ignite at room temperature, it may reach ignition point as a result of overheating.
- (F) Take care to prevent leaks, overflow or spatter of the material to ensure that steam is not created.
- (G) Avoid any rough handling of the tank such as tipping, dropping or dragging.
- (H) Treat the material as general flammable material and keep it away from heat sources and other flammable materials.
- (I) Carefully control the temperature during dissolution and watch out for burns while working on the film coating at high temperatures.

#### **Storage**

- (J) Store it in a cool and dark place well away from any sources of heat.

- (K) Any storage of more than a fifth of the amount of the material specified by the Fire Service Act will be subject to the regulations of the fire prevention ordinance. Even if the amount of material is under this amount, be sure to store it in a safe place well away from any sources of heat.
- (L) Specified Flammable Material (Other Synthetic Resin): Specified Amount 3,000 kg
- (M) If storing the material in cardboard boxes, do not stack the boxes more than 4 high and ensure the stack is stable. If stacking more than 2 boxes, make sure that anti-earthquake measures are in place.

## 8. Exposure Controls/Personal Protection

Equipment: Install a local ventilator when performing dissolution work indoors.  
Protective Equipment: Wear protective goggles and gloves as necessary.

## 9. Physical and Chemical Properties

Appearance:	Light Yellow, Transparent Solid Matter
Odor:	Lubricant Odor
Melting Point	130°C
Flash Point	220°C
Volatility:	None
Flammability:	Yes

## 10. Stability and Reactivity

- This product is safe and will not ignite due to heat, light or shock. It produces no danger polymer substance.

## 11. Toxicological Information

Respiratory sensitization: Category 1  
Skin sensitization: Category 1  
Reproductive toxicity: Category 1A  
Specific target organ toxicity: Category2(Nervous System)  
(Single exposure)

Other hazards are not listed are unclassifiable or non-applicable by GHS.

## 12. Ecological Information

Solubility: No Data  
Accumulation: No Data  
Aquatic Environmental Hazard: Category2  
(Acute and Chronic)

## 13. Disposal Considerations

- Only qualified industrial waste treatment firms should be entrusted with disposal of this product.

## 14. Transport Information

- Consolidated shipping by ship or truck is possible.
- Ensure containers do not tip over, fall or become damaged during transportation and implement proper measures to prevent load shifting.

## 15. Regulatory Information

### Name and Information of Applicable Regulatory

- UN Classification: Not Applicable
- UN Number: Not Applicable
- Industrial Safety and Health Law: Label target substance  
Notifiable target substance
- Fire Prevention Ordinance: Specified Flammable Material (Other Synthetic Resin)  
Specified Amount 3,000kg

## 16. Other Information

### References

Ministry of Economy, Trade and Industry, GHS Support Tools, GHS Classification System ver.4.0 (March,2019)

MSDS for miscellaneous materials

The information provided herein on hazards and toxicity should not be considered exhaustive. Please handle this product with extreme care.

### 改訂履歴

First edition	25/Sep/2023	
---------------	-------------	--