

## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME : SKYGREEN PETG JN200  
MANUFACTURER/SUPPLIER : SK Chemicals Co., Ltd  
MSDS PREPARED BY : SK Chemicals SKYGREEN  
CHEMICAL NAME : Not applicable  
SYNONYMS : Not applicable  
MOLECULAR FORMULA : Not applicable  
MOLECULAR WEIGHT : Not applicable  
PRODUCT USE : plastic

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### 2. COMPOSITION / INFORMATION OF INGREDIENTS

This product is not classified as hazardous based on compositional information.

<u>Component</u>	<u>Weight %</u>	<u>CAS Registry No.</u>
Copolyester	>90	Proprietary
Modifiers/Additives	<10	Proprietary

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### 3. HAZARD IDENTIFICATION

#### WARNING!

MOLTEN POLYMER WILL CAUSE THERMAL BURNS.

PLEASE, GIVE ALL YOUR ATTENTION NOT TO BE BURNED BY MOLTEN POLYMER.

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#### 4. FIRST AID MEASURES

**INHALATION :** If you have some symptom, get fresh air and medical attention.

**EYES CONTECT:** If you contact with molten material, cool as quickly as possible with water, and then go to see a physician for treatment of burn.

**SKIN CONTECT:** Wash with cool water as quickly as possible.

Do not peel molten polymer from skin, before you see a physician for medical advices.

**INGESTION :** Not expected to be absorbed from the gastrointestinal tract.

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#### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA :** Carbon dioxide, water and sand

**DANGEROUS PRODUCT AFTER DECOMPOSITION :**

Combustion will produce carbon dioxide and probably carbon monoxide.

**SPECIAL FIRE-FIGHTING METHODS :** Wear self-embraced breathing equipment and a fire-fighting cloth

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#### 6. ACCIDENTAL RELEASE MEASURES

Sweep and Remove

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#### 7. HANDLING AND STORAGE

**STORAGE :**

Store the material in a closed container.

**HANDLING :**

Protect from moisture and impurities.

Keep the floor clear of pellets.

**DANGEROUS REACTION :** Not dangerous reaction are known.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT :

- **HANDS** : Gloves should be worn to protect against thermal burns.
- **EYES** : Safety glasses should be worn in any type of industrial operation.

### RESPIRATORY PROTECTION :

If you can not control the airborne concentration under an acceptable level, wear the approved respirator.  
(Dust, Organic vapor type)

### HAND OR EYE PROTECTION :

Minimize skin or eye contact and wear gloves or safety glasses to protect against thermal burns.

**INDUSTRIAL HYGIENE** : Prevent eye contact, minimize skin contact and inhalation of dust

**THRESHOLD LIMIT VALUE(TLV)** : Not established

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## 9. PHYSICAL & CHEMICAL PROPERTIES

**APPEARANCE** : Solid Pellet

**COLOR** : Colorless

**ODOR** : No apparent odor

**SPECIFIC GRAVITY** : > 1.0 / 23 °C

**VAPOR PRESSURE** : Negligible

**EVAPORATION RATE** : Not applicable

**BOILING POINT** : Not available

**VISCOSITY AT AMBIENT TEMPERATURE** : Not available

**SOLUBILITY IN AMBIENT WATER** : Negligible

**pH** : Not applicable

**FLASH POINT** : Not applicable

**LOWER FLAMMABLE LIMIT** : Not available

**UPPER FLAMMABLE LIMIT** : Not available

**AUTOIGNITION TEMPERATURE** : Not available

## 10. STABILITY AND REACTIVITY

STABILITY : Stable

DANGEROUS REACTION : Will Not Occur

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## 11. TOXICOLOGICAL INFORMATION

INHALATION : Low hazard for usual industrial handling

EYES : Molten material will cause thermal burns.

SKIN : Molten material will cause thermal burns.

INGESTION : Expected to be a low ingestion hazard

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## 12. ECOLOGICAL INFORMATION

MOBILITY : No applicable

BIODEGRADABILITY : Not biodegradable

WATER TOXICITY : Not Toxic

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## 13. DISPOSAL CONSIDERATIONS

Discharge, disposal and incineration may be subject to national laws.

Physically & Chemically Recyclable

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## 14. TRANSPORTATION

DOT(USA) : Class not regulated

ICAO (Air) : Class not regulated

IMDG (Sea) : Class not regulated

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## 15. REGULATION INFORMATION

### **TSCA (US Toxic Substances Control Act) :**

SKYGREEN JN200 is in compliance with TSCA inventory requirements for commercial purposes.

### **EINECS (European Inventory of Existing Commercial Chemical Substances) :**

All components of SKYGREEN JN200 are listed on EINECS.

### **DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act) :**

SKYGREEN JN200 is registered in the DSL or in compliance with CEPA new substance notification requirements.

**AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme):** SKYGREEN JN200 is listed on AICS or otherwise complies with NICNAS.

**MITI (Japanese Handbook of Existing and New Chemicals Substances):** SKYGREEN JN200 is listed in the Handbook or has been approved in Japan by new substance notification.

**ECL (Korean Toxic Substances Control Act):** SKYGREEN JN200 is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.

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## 16. OTHER INFORMATION

### **Users Responsibility**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is intended for use only by persons having the necessary technical skills and at their own discretion and risk.

Recipients of our product must take responsibility for observing existing law and regulation.

If you want to get other information, please, contact us anytime by e-mail.

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