

## MSDS Report

No. SHAEC1016289601

Date: Nov. 19, 2010

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Client's name: BEIJING EXPERT I N THE DEVELOPING OF NEW MATERIAL CO.,LTD.  
Client's address: NO.6 BAIHUA ROAD, LINGXIANG, FANGSHAN, BEIJING

SGS Ref No. : TJ1047759  
Product Name: Special Resin for the Melt Blown -P6515  
End Uses: Multiple Non-Woven of Medical Polypropylene Fabric

Composition/Ingredient: See section 2 *Composition/ data on components* on second page of the text

Job Receiving Date: Nov.11, 2010  
Preparation Period: Nov.11~19, 2010

### Service Requested

Material Safety Data Sheet for the Product

### SUMMARY

The contents and format of this MSDS are in accordance with 29 CFR 1910.1200(g).

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Signed for and on behalf of  
SGS-CSTC Chemical Laboratory

*Lindy Liu*

Lindy Liu  
Lab Manager

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# Material Safety Data Sheet

## 29 CFR 1910.1200

Printing date 11/12/2010

Reviewed on 11/11/2010

### 1 Identification of substance

· **Product details**

- **Trade name:** Special Resin for the Melt Blown -P6515
- **Article number:** P6515
- **Application of the substance / the preparation:** Multiple Non-Woven of Medical Polypropylene Fabric

· **Manufacturer/Supplier:**

BEIJING EXPERT IN THE DEVELOPING OF NEW MATERIAL CO.,LTD.  
NO.6 BAIHUA ROAD, LINGXIANG, FANGSHAN, BEIJING  
Tel: 010-69386888-315  
Fax: 010-69386988

- **Information department:** BEIJING EXPERT IN THE DEVELOPING OF NEW MATERIAL CO.,LTD.

· **Information in case of emergency:**

TIAN, YAOXIN  
Mobile Phone: 13911692901

- **Email:** tyx81@126.com
- **Reference Number:** TJ1047759; SHAEC1016289601

### 2 Composition/Data on components

- **Chemical characterization**
- **Description:** Mixture: consisting of the following components.
- **Dangerous components:** Not applicable.

· **Non dangerous components:**

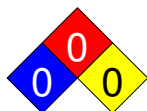
9003-07-0	polypropylene
1592-23-0	calcium distearate, pure
31570-04-4	tris(2,4-ditert-butylphenyl) phosphite
6683-19-8	pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)

· **Remark:**

SDS is created according to the ingredient information provided from the applicant.  
Ingredient information is confidential. It can be provided from the formulation owner upon request.

### 3 Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:**  
The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**  
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



HEALTH 0 Health = 0  
FIRE 0 Fire = 0  
REACTIVITY 0 Reactivity = 0

### 4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

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- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**  
Rinse out mouth with water.  
If symptoms persist consult doctor.

### 5 Fire fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:**  
Wear fully protective suit.  
Mouth respiratory protective device.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Ensure adequate ventilation.  
Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.
- **Additional information:** No dangerous substances are released.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Keep receptacles tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in section 2, the following measures are suggested for occupational safety measure**
- **Personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Suitable respiratory protective device recommended.

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**Trade name: Special Resin for the Melt Blown -P6515**

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· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

### 9 Physical and chemical properties

· **General Information**

<b>Form:</b>	Granules
<b>Color:</b>	White
<b>Odor:</b>	Odorless

· **Change in condition**

**Melting point/Melting range:** 160-170°C (320-338°F)

**Boiling point/Boiling range:** Not available.

· **Flash point:** Not available.

· **Flammability (solid, gaseous):** Flammable.

· **Ignition temperature:** 270°C (518°F)

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

**Lower:** Not available.

**Upper:** Not available.

· **Oxidizing properties:** Not available.

· **Vapor pressure:** Not available.

· **Density:** 0.905 g/cm<sup>3</sup>

· **Relative density** 0.5 g/cm<sup>3</sup>

· **Vapour density** Not available.

· **Evaporation rate** Not available.

· **Solubility in / Miscibility with**

**Water:** Insoluble.

· **pH-value:** 6.8-7

· **Viscosity:**

**Dynamic:** Not available.

· **Additional information:** Decomposition temperature: 350-380° C

### 10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity**
- **LD/LC50 values that are relevant for classification:** Not available.
- **Primary irritant effect**
- **on the skin:** Irritating effect possible.
- **on the eye:** Irritating effect possible.
- **Sensitization:** Sensitization possible.
- **Additional toxicological information:**  
 The product is not subject to classification according to internally approved calculation methods for preparations.  
 When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### 12 Ecological information

- **Additional ecological information:**
- **General notes:**  
 Water hazard class 1 (Self-assessment): slightly hazardous for water.  
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **DOT regulations**
- **Hazard class:** -
- **Identification number:** -
- **Packing group:** -
- **Hazardous substance:** -
- **Poison inhalation hazard:** -
- **Proper shipping name (technical name):** -
- **Label:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Danger code (Kemler):** -
- **UN-Number:** -
- **Packaging group:** -
- **Label:** -
- **Description of goods:** -
- **Maritime transport IMDG**
- **IMDG Class:** -
- **UN Number:** -

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· **Label:** -  
 · **Packaging group:** -  
 · **EMS Number:** -  
 · **Marine pollutant:** No  
 · **Proper shipping name:** -

· **Air transport ICAO-TI and IATA-DGR:**  
 · **ICAO/IATA Class:** -  
 · **UN/ID Number:** -  
 · **Label:** -  
 · **Packaging group:** -  
 · **Proper shipping name:** -

### 15 Regulations

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency):**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer):**

9003-07-0 polypropylene

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· **NTP (National Toxicology Program):**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients is listed.

· **Product related hazard informations:**

Observe the general safety regulations when handling chemicals.

This material (or substance or mixture) is not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).

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**Trade name: Special Resin for the Melt Blown -P6515**

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- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**16 Other information**

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The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910.1200(g).

**DISCLAIMER OF LIABILITY :**

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