

## Material Safety Data Sheet

### 1 Identification of the substance/preparation and of the company/undertaking

**.Product details**

**.Trade name:** IrriGance Color Syringes

**.Manufacturer/Supplier:** SHANGHAI DOCHEM INDUSTRIES CO., LTD  
SUITE E2014, 2ND FLOOR, NO. 3558, ZHENBEI RD. PUTUO DISTRICT, SHANGHAI 200062, CHINA.

**.Further information obtainable from:** SHANGHAI DOCHEM INDUSTRIES CO., LTD

**.Information in case of emergency:** SHANGHAI DOCHEM INDUSTRIES CO., LTD  
SUITE E2014, 2ND FLOOR, NO. 3558, ZHENBEI RD. PUTUO DISTRICT, SHANGHAI 200062, CHINA.

### 2 Hazards identification

**.Classification of the substance or mixture**

**.Classification according to Regulation (EC) No 1272/2008 [CLP]**

*This product is not classified as dangerous according to EC criteria.*

**.Label elements**

**.Labelling according to EC Directives**

S 22: Do not breathe dust.

**.GHS pictograms:**

*do not need labelling as hazardous Signal*

*word: -*

*This product is not classified as dangerous under GHS.*

### 3 Composition/information on ingredients

**.Description:** Mixture of substances listed below with additions.

<b>Product Name:</b>	<b>CAS Number</b>
<i>Polypropylene</i>	<i>9003-07-0</i>
<i>Natural Rubber Compound</i>	<i>9003-31-0</i>
<i>Medical silicone oil</i>	<i>63148-62-9</i>

### 4 First aid measures

**.After inhalation:** *If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.*

**.After skin contact:** *In case of contact, immediately wash skin with soap and copious amounts of water.*

**.After eye contact:** *In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.*

**.After swallowing:** *Drink enough warm water to urge vomiting. If symptoms persist consult doctor.*

- . Ingestion: Remove from exposure and move to fresh air immediately. If symptoms persist consult doctor.*
- .After first aid, get appropriate in-plant , paramedic, or community medical support.*

### **5 Fire-fighting measures**

- .General Information: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.*
- .Extinguishing Media: Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.*
- .Flash Point: Not available.*
- .Auto ignition Temperature: No spontaneous combustion under normal conditions.*
- .LEL: Not Determined.*
- .UEL: Not Determined.*
- .Special fire & explosion hazards: None.*
- .Exting using media: Dry Chemical, Carbon Dioxide, and Foam.*
- .Unusual Fire or Explosion Hazards: None.*

### **6 Accidental release measures**

- .Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.*
- .Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.*

### **7 Handling and storage**

- The regulations relating to storage remises apply to workshop where the product is handled :***
- .Handling: Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Wear protective goggles and gloves when handling material. Protective clothing penetrates work clothes must be worn. Observe all warnings and precautions listed for the product.*
- .Storage: Store in tightly closed original container under well-ventilation, in a cool & dry area away from heat sources & protected from light. Avoid dust formation. Keep air contact to a minimum.*
- .Further information about storage condition: None.*

### **8 Exposure controls/personal protection**

- .Ventilation and Engineering controls:***  
*No special ventilation and engineering controls are required for handling of these products.*
- .Respiratory Protection:***  
*No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection.*

**.Body Protection:**

No special protective clothing is required.

**.Protective Gloves:**

Protective Gloves

Rubber or plastic acid-resistant gloves with elbow-length gauntlet.

**.Eye Protection:**

Tightly sealed goggles Chemical

goggles or face shield.

## 9 Physical and chemical properties

<b>.General Information</b>	
<b>.Form:</b>	Solid
<b>.Color:</b>	None
<b>.Odor:</b>	Odorless
<b>.Odor threshold:</b>	Not determined
<b>.Change in condition</b>	
<b>.Melting point/Melting range:</b>	189 °C
<b>.Boiling point/Boiling range:</b>	available
<b>.Flash point:</b>	Not available
<b>.Self-igniting:</b>	Product is not self-igniting
<b>.Danger of explosion:</b>	Not available
<b>.Density:</b>	Not available
<b>.Relative density:</b>	Not available
<b>.Vapor density:</b>	Not available
<b>.Evaporation rate</b>	Not available
<b>.Explosion limit:</b>	
<b>.Lower explosion limit:</b>	Not determined
<b>.Upper explosion limit:</b>	Not determined
<b>.Explosion hazard</b>	There is no indicating of explosive properties.
<b>.Fire promoting properties</b>	The product is not classified as oxidizing.
<b>.Solubility in/Miscibility with</b>	
<b>.Water:</b>	Not miscible
<b>.PH-Value:</b>	Not available
<b>.Viscosity:</b>	
<b>.Dynamic:</b>	Not available

## 10 Stability and reactivity

- .Chemical Stability:** *The product is stable.*
- .Conditions to Avoid:** *Dust generation.*
- .Incompatibilities with Other Materials:** *Strong oxidizing agents, Chlorine, Potassium permanganate.*
- .Hazardous Decomposition Products:** *Carbon monoxide, Carbon dioxide, Acrolein, Formaldehyde*
- .Hazardous Polymerization:** *Hazardous polymerization will not occur.*

## 11 Toxicological information

- .Toxicity to Animals:**  
*LD50: Not available.*  
*LC50: Not available.*
- .Chronic Effects on Humans:** *CARCINOGENIC EFFECTS: Classified NONE by NTP, NONE by OSHA. 3 (Not classifiable for human.) by IARC.*
- .Other Toxic Effects on Humans:** *None*
- .on the skin:** *Not available*
- .on the eye:** *Sensitizing effects known.*
- .Carcinogenicity:** *None Determined.*
- .Mutagenicity:** *None Determined.*
- .Teratogenicity:** *None Determined*

## 12 Ecological information

- .Instability:** *Not applicable.*
- .Persistence/Degradability:** *Like plastic in the long term.*
- .Environmental Precautions:** *It must be disposed of in an authorized waste deposit.*

## 13 Disposal considerations

- Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.*
- .Waste Disposal Methods:** *Disposal must be done as territory and /or local government regulations. .Waste management information will help to receive the best results.*
  - .Disposal of packaging:** *Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.*

## 14 Transport information

- .DOT Classification for Bulk Shipments (non bulk shipments may differ):** *Not a DOT controlled material (United States).*

**.DOT Proper Shipping Name:** Not applicable.  
**.UN Number:** Not applicable.  
**.Packing Group:** Not applicable.  
**.USCG Proper Shipping Name:** Not applicable.  
**.Marine Pollutant:** Not available.  
**.Hazardous Substance Reportable Quantity:** Not available.  
**.Special Provisions for Transport:** Not applicable.  
**.TDG Classification:** Not controlled under TDG (Canada).  
**.ADR/RID Classification:** Not controlled under ADR( Europe)  
**.IMO/IMDG Classification:** Not Controlled under IMDG.  
**.ICAO/IATA Classification:** Not controlled under IATA.

### **15 Regulatory information**

Follow all regulations in your country.

### **16 Other information**

**The contents and format of this MSDS/SDS are in accordance with REGULATION(EC) No 1272/2008 .**

#### **.DISCLAIMER OF LIABILITY**

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