

## Material Safety Data Sheet (MSDS)

**Samples Name:** Colorized silk-screen dices

**Client Name:** Brighting Industrial Co.,LTD.

**Client Address:** Office 903, Building23, Binshuisanli, Jimei district, Xiamen, China



Signed for and on behalf of  
Eurones Consumer Products Testing Service Co., Ltd

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## Material Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

**Product Name:** Colorized silk-screen dices

**Manufacture:** Brighting Industrial Co.,LTD.

**Address:** Office 903, Building23, Binshuisanli, Jimei district, Xiamen, China

**Contact person:** Mr. Liu

**Tel:** /

**Emergency Telephone:** /

**Fax:** /

**Email:** /

### Section 2 - Hazards Summarizing

**Fatalness grade:** In accordance with Regulation (EC)No.1272/2008, the sample is not divided into flammable article.

**Chemical properties:** Substance.

**Invasion route:** Skin contact: Non-irritating. Practically non-toxic. Molten material(hot) may cause severe scalds.

Eye contact: May cause eye irritation.

Inhalation: Unlikely to be hazardous unless heated. Monomer vapors from heated products may cause irritation, nausea, headache and dizziness.

Ingestion: May cause irritation of the digestive tract.

**Health hazards:** May cause skin and eye irritation. May cause discomfort by swallow.

**Environment hazards:** No known significant effects or critical hazards.

**Burn & burst danger:** The sample is nonflammable.

### Section 3 –Composition/Information on Ingredients

Substance ☐

Admixture ☐

Chemical name	Content	CAS No.
PMMA	95-99%	9011-14-7
Paint	1-3%	-
Pigment	1-3%	-

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### Section 4 - First Aid Measures

**Skin contact:** Get medical aid. Wash rapidly with plenty of water while removing contaminated clothing and shoes.

**Eyes contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Inhalation:** Remove from exposure to fresh air immediately, and provide oxygen or give artificial respiration and call a physician if breathing is difficult.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

### Section 5 - Fire Fighting Measures

**Danger characteristic:** Combust in case of fire and high heat.

**Hazardous combustion products:** CO, CO<sub>2</sub>, oxynitride.

**Fire-Fighting method & media:** Keep personnel removed from upwind of fire. Wear appropriate safety equipment for fire conditions, including self-contained breathing apparatus and other protective equipment or garments. Cool tank/container with water spray. Media: Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

### Section 6 -Accidental Release Measures

**Emergency treatment:** Vacuum or sweep material and place in a suitable disposal container. Keep walking surface free from spilled products to avoid a slipping hazard. Provide ventilation.

### Section 7 - Handling and Storage

**Handling:** Wash thoroughly after handling. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. May form explosive dust-air mixture. Avoid ingestion and inhalation.

**Storage:** Store in a cool and dry, well ventilated area, away from incompatible substances.

### Section 8 - Exposure Controls and Personal Protection

**Maximum admissible concentration:** No standard yet

**Engineering Control:** To supply with sufficient air exhaust.

**Respiratory Protection:** None required for occasional handling if adequate ventilation is available. A dust respirator is recommended for prolonged handling or exposure.

**Eyes Protection:** Wear safety goggles or equivalent eye protection devices.

**Body Protection:** Wear appropriate protective clothing for preventing skin contact.

**Hands Protection:** When handling hot material, wear thermal resistant gloves.

**Other Protections:** Always keep protective equipment and workplace clean.

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### Section 9 - Physical and Chemical Properties

**Appearance:** Solid.

**Color:** Colorized.

**Smell:** Odorless.

**Specific gravity( $H_2O=1$ ):** 1.2

**Melting point:**  $>120^{\circ}C$

**Solubility in water:** Insoluble.

**Ignition temperature:**  $>400^{\circ}C$

### Section 10 - Stability and Reactivity

**Stability:** Stable under normal temperature and pressure

**Distribution of Ban:** Strong oxidizing agents, strong bases, amines, alkalies.

**Conditions to Avoid:** In compatible materials, excess heat, strong oxidants.

**Hazardous Polymerization:** Has not been reported

**Hazardous Decomposition Products:** Decomposed with heat. Hazardous, flammable gases/vapors produced are carbon monoxide, carbon dioxide and methyl-methacrylate monomer.

### Section 11 - Toxicological Information

**Acute Toxicity:** No known significant effects or critical hazards.

**Sub-acute and Chronic Toxicity:** No known significant effects or critical hazards.

**Irritation:** No known significant effects or critical hazards.

**Sensitization:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Others:** None

### Section 12 - Ecological Information

**Eco-toxicity:** No known significant effects or critical hazards.

**Biodegradable:** No known significant effects or critical hazards.

**Non-biodegradable:** No known significant effects or critical hazards.

**Bioconcentration or biological accumulation:** No known significant effects or critical hazards.

**Other harmful effects:** No known significant effects or critical hazards.

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### Section 13 - Disposal Considerations

**Nature of waste:** This product is not regarded as hazardous waste, as defined by Regulation (EC) No.1272/2008.

**Waste disposal methods:** May be buried in an authorized landfill site or be incinerated under approved controlled condition. Disposal should be in accordance with local, state and/or national legislation. The owner of the material is responsible for proper waste disposal.

**Attention abandoned:** None.

### Section 14 - Transport Information

**Category of dangerous goods:** No specific data.

**UN Number:** No specific data.

**Type of Transportation:** No specific data.

**Packaging Mark:** No specific data.

**Packaging Method:** No specific data.

**Transport Attentions:** Examine whether the package of the containers are integrate or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer and strong acid. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source.

### Section 15 - Regulatory Information

#### Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

### Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

\*\*\* End of Report \*\*\*

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