



## Material Safety Data Sheet

### 1. Product and Company Information

Company: Ranger Industries, Inc.  
15 Park Road  
Tinton Falls, N.J. 07724

Telephone: (732) 389-3535

Product Name: **Perfect Pearls (All Colors)**

Effective Date: **March 5, 2009**

Chemtrec (24 Hours) (800) 424-9300

Preparer: Health, Safety and Environmental Department

### 2. Hazards Identification

A hazard evaluation of this product has been performed. This product is not considered to be hazardous under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Acute Health Effects: Vapors or direct eye contact may cause irritation. Repeated or prolonged skin contact may cause irritation. Ingestion may cause irritation.

Chronic Health Effects: None known.

Sign/Symptoms of Exposure: Irritation.

### 3. Composition / Information on Ingredients

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>Symbols</u>	<u>R-Phrases</u>
1363-67-7	Titanium Dioxide		
12001-26-2	Mica		

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non hazardous, and/or present at amount below reportable limits.

Notes: No additional information

#### **4. First Aid Measures**

If irritation or other symptoms (as noted above) occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.

Eye Contact: Immediately flush eyes with plenty of clean water for an extended time, not less than five (5) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion.

Skin Contact: Wash the affected area thoroughly with plenty of water and soap.

Inhalation: If affected, remove to fresh air.

Ingestion: Get medical attention immediately.

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

Fire and Explosive Properties: This product is non-flammable..

Extinguishing Media: Water spray (fog), foam, dry chemical or CO2.

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

Small Spill and Leak: Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.

Large Spill and Leak: Same as above plus check TLV in Section 8 of MSDS and will local authorities.

Skill Kit Information: No specific spill kit required for this product.

## 7. Handling and Storage

Handling: Avoid generating dust. Avoid breathing dust. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Keep container closed. Wash thoroughly after handling this product.

Storage: Keep container dry.

## 8. Exposure Controls / Personal Protection

<u>Chemical Name</u>	<u>MAK Value</u>	<u>MEL/OES</u>
Inorganic pigment	N/E	N/E

Notes: No additional information.

Eye/Face Protection: Wear eye protection

Body: Lab coat.

Skin Protection: Wear protective gloves.

Respiratory Protection: Dust mask.

General Protection: No additional information.

## 9. Physical and Chemical Properties

Form	Colored Solid	pH	3 to 6
Appearance	Granular	Specific Gravity	N/A
Odor	Odorless	VOC	Not Available
Solubility in Water	Insoluble in water	Flash Point	N/A
Evaporation Rate	Approx. 0	Boiling Point °C	N/A
Vapor Pressure	N/A		

Notes: Amounts specified are typical and do not represent a specification.

## 10. Stability and Reactivity

The product is stable.

Hazardous Decomposition Products: Not applicable.

Hazardous Polymerization: Will not occur.

## 11. Toxicological Information

No toxicity studies have been conducted on this product. As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

## 12. Ecological Information

The product itself and its products of degradation are not toxic.

Notes: No additional information.

## 13. Disposal Information

Incinerate or landfill waste in a properly permitted facility in accordance with local regulations.

## 14. Transportation Information

UN/NA Number:	N/A	Hazard Class:	N/A	MDG Class:	N/A
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Packing Group:	N/A	ICAO/IATA Class:	N/A	TDG Class:	N/A
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ADR/RID Class:	N/A
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Notes: No additional information.

## 15. Regulatory Information

EU Classification: Categories of Danger: This material is not subject to classification according to European Union Directives 67/548 and its amendments including 92/32/EEC, 1999/45/EC, and 2001/58/EC.

Indication(s) of Danger:

EU R Phrases: Not applicable.

EU S Phrases Not Applicable

(EINECS/ELINCS): Not assessed.

Water Hazard Classification (Germany): Not assessed.

U.S. Toxic Substances Control Act (TSCA): All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.

Canadian Domestic Substance List (DSL): All components in this product are on the Canadian Domestic Substances List (DSL) or are exempt from listing.

Notes: No additional information.

## 16. Other Information

Risk Phrases:

Reason for Revision

Changes in Section(s): Not applicable.

Notes: No additional information.

Legend:

CAS No: Chemical Abstract Service Registry Number  
COSHH: Control of Substances Hazardous to Health (United Kingdom)  
IARC: International Agency for Research on Cancer  
MAK: Maximale Arbeitsplatz-Konzentration (Maximum Workplace Concentration (Germany))  
MEL: Maximum Exposure Limit (COSHH)  
N/A: Not Applicable  
N/E: None Established  
OES: Occupational Exposure Standard (COSHH)  
S: Can be absorbed through the skin  
STEL: Short Term Exposure Limit (COSHH)  
TWA: Time Weighted Average (exposure for 8-hour workday)  
IIIA1 Substances shown to induce malignant tumors in humans

IIIA2: Substances shown to be clearly carcinogenic only in animal studies but under conditions indicative of carcinogenic potential at the workplace.

IIIB: Substances which are suspected of possessing significant carcinogenic potential which urgently needs further clarification.

Users Responsibility/Disclaimer of Liability: The information set forth herein is based on our current knowledge, and is intended to describe the product solely with respect to health, safety and the environment. As such, it must not be interpreted as a guarantee of any specific property of the product. As a result, the customer shall be solely responsible for deciding whether said information is suitable and beneficial.

Safety Data Sheet Preparer: Jim Gugger

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