



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: DP34
Product Name: *DO* INCA GOLD PEARL DP-34
Product Use: None specified.
Print date: 16/Sep/2009
Revision Date: 22/Sep/2008

Company Identification

The Valspar Corporation
PO Box 1461
Minneapolis, MN 55440

Manufacturer's Phone: 1-612-332-7371

24-Hour Medical Emergency Phone: 1-888-345-5732

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Eye Contact:

- Moderate eye irritation

Skin Contact:

- Causes skin irritation.

Ingestion:

- Irritation of the mouth, throat, and stomach.

Inhalation:

- May cause irritation of respiratory tract.
- Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

Target Organ and Other Health Effects:

- Causes headache, drowsiness or other effects to the central nervous system.

This product contains ingredients that may contribute to the following potential chronic health effects:

- Prolonged exposure over TLV may produce pneumoconiosis.

Carcinogens:

- Possible cancer hazard. Contains material which may cause cancer based on animal data.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
MICA 12001-26-2	50 - 55	MICA
TITANIUM DIOXIDE 13463-67-7	20 - 25	Titanium dioxide
IRON OXIDE 1309-37-1	15 - 20	PROPRIETARY COLOR PIGMENT
PROPYLENE GLYCOL MONO PROPYL ETHER 1569-01-3	5 - 10	2-Propanol, 1-propoxy-
TIN OXIDE 18282-10-5	.1 - 1	PROPRIETARY COLOR PIGMENT

If this section is blank there are no hazardous components per OSHA guidelines.

4. FIRST AID MEASURES**Eye Contact:**

Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water. Remove any contact lenses and open eyes wide apart.

Skin Contact:

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:

Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention.

Inhalation:

Move injured person into fresh air and keep person calm under observation. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention immediately.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	122°F (50°C)
Lower explosive limit:	1 %
Upper explosive limit:	17 %
Autoignition temperature:	not determined -°F (°C)
Sensitivity to impact:	no
Sensitivity to static discharge:	Can be sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.
Hazardous combustion products:	See Section 10.

Unusual fire and explosion hazards:

None known.

Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES**Action to be taken if material is released or spilled:**

Ventilate the area. Avoid breathing dust or vapor. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. Avoid contact with eyes.

7. HANDLING AND STORAGE**Precautions to be taken in handling and storage:**

Keep away from heat, sparks and open flame. - No smoking. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is used near or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS**Personal Protective Equipment****Eye and face protection:**

Chemical goggles, also wear a face shield if splashing hazard exists.

Skin protection:

Appropriate chemical resistant gloves should be worn.

Other Personal Protection Data:

Usual industrial work clothes.

Respiratory protection:

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Use only in well-ventilated areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Ensure adequate ventilation, especially in confined areas. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment.

Exposure Guidelines**OSHA Permissible Exposure Limits (PEL's)**

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
MICA 12001-26-2	50 - 55	2.5 mg/m ³ F ₊		
TITANIUM DIOXIDE 13463-67-7	20 - 25	15 mg/m ³ Total dust.		

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
IRON OXIDE 1309-37-1	15 - 20	5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed.		
TIN OXIDE 18282-10-5	.1 - 1	5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed.		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
MICA 12001-26-2	50 - 55	3 mg/m ³ Respirable fraction.			
TITANIUM DIOXIDE 13463-67-7	20 - 25	10 mg/m ³			
IRON OXIDE 1309-37-1	15 - 20	5 mg/m ³ Dust and fume. Fe			
TIN OXIDE 18282-10-5	.1 - 1	10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles. 2 mg/m ³ Sn			

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	powder
pH:	not determined
Vapor pressure:	1.7067669 mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	4.0
Boiling point:	not determined
Solubility in water:	Slight (0.1 to 1.0%)
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	21.12
Specific Gravity:	2.535
Evaporation rate (butyl acetate = 1.0):	0.22
Flash point (Fahrenheit):	122°F (50°C)
Lower explosive limit:	1 %
Upper explosive limit:	17 %
Autoignition temperature:	not determined -°F (°C)

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat.
Incompatibility:	Strong oxidizing agents

10. STABILITY AND REACTIVITY

Hazardous Polymerization:

None anticipated.

Hazardous Decomposition Products:

Silicon dioxide. Carbon monoxide and carbon dioxide.
Metal oxide fumes.

Sensitivity to static discharge:

Can be sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
PROPYLENE GLYCOL MONO PROPYL ETHER 1569-01-3	5 - 10	Oral LD50 Rat : 2504 mg/kg Dermal LD50 Rabbit : 3550 mg/kg
TIN OXIDE 18282-10-5	.1 - 1	Oral LD50 Rat : >20 gm/kg Oral LD50 Mouse : >20 gm/kg

Mutagens/Teratogens/Carcinogens:

Possible cancer hazard. Contains material which may cause cancer based on animal data.

Contains TIO2 which is listed by IARC as a possible human carcinogen (Group 2B) based on animal data. Neither long term animal studies, nor human epidemiology studies of workers exposed to TIO2 provide an adequate basis to conclude TIO2 is carcinogenic. TIO2 is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA.

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
TITANIUM DIOXIDE 13463-67-7	20 - 25			2B Possible Carcinogen

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: PIGMENT, NOT REGULATED

U.S. Highway & Rail Shipments

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Reportable Quantity Description:

International Air Transport Association (IATA):

Proper Shipping Name: PIGMENT, NOT REGULATED

International Maritime Organization (IMO):

Proper Shipping Name: PIGMENT, NOT REGULATED

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA 311/312 Hazard Class:

Acute: yes
Chronic: yes
Flammability: yes
Reactivity: no
Sudden Pressure: no

U.S. STATE REGULATIONS:

Right to Know:

The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

Pennsylvania Right To Know:

MICA	12001-26-2
PROPRIETARY COLOR PIGMENT	Trade Secret
TITANIUM DIOXIDE	13463-67-7
PROPRIETARY COLOR PIGMENT	Trade Secret
PROPYLENE GLYCOL MONO PROPYL ETHER	1569-01-3

Rule 66 status of product

Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

US TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:

All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health: 1
Flammability: 2
Reactivity: 0
PPE: X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Disclaimer:

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