



## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

**Product ID:****IF2806**

Product Name:

WHITE METALLIC HYBRID KHY63210P90

Product Use:

Powder paint

Print date:

26/Mar/2010

Revision Date:

17/Mar/2009

**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:**

- May cause eye irritation.

**Skin Contact:**

- Dermatitis
- Causes skin irritation.
- May cause sensitization by skin contact.

**Ingestion:**

- Irritation of the mouth, throat, and stomach.
- Harmful if swallowed.

**Inhalation:**

- Causes respiratory tract irritation.
- Harmful by inhalation.
- May cause pulmonary edema.

**Target Organ and Other Health Effects:**

- Risk of serious damage to the lungs (by inhalation).

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

- Possible sensitization.

**Carcinogens:**

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

### 3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>Chemical Name</b>
TITANIUM DIOXIDE 13463-67-7	35 - 40	Titanium dioxide
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
NICKEL 7440-02-0	.1 - 1	Nickel

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. Do not rub eye.

**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. Never give anything by mouth to an unconscious person.

**Inhalation:**

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

**Medical conditions aggravated by exposure:**

Any respiratory or skin condition.

### 5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	950
Flash point (Celsius):	510
Lower explosive limit (%):	not determined
Upper explosive limit (%):	not determined
Autoignition temperature:	not determined
Sensitivity to impact:	no
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
Hazardous combustion products:	See Section 10.

**Unusual fire and explosion hazards:**

Refer to 1995 edition of NFPA 33 Appendix A. A minimum explosive concentration of dust in the air of 30 grams per cubic meter of air can be used. Dust control and good housekeeping are required. Dust may also carry a static charge. Make sure equipment and personnel are grounded to avoid static discharge.

**Extinguishing media:**

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

**Fire fighting procedures:**  
Decomposes without flashing

## 6. ACCIDENTAL RELEASE MEASURES

**Action to be taken if material is released or spilled:**

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

## 7. HANDLING AND STORAGE

**Precautions to be taken in handling and storage:**

Minimize the free fall distance of powder when loading, unloading or conveying to avoid dust generation and potential static discharge. Keep container closed when not in use. Keep away from heat, sparks and open flame. - No smoking. To prevent caking of product, do not store above 80 degree F. (27 degree C.).

## 8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

### Personal Protective Equipment

**Eye and face protection:**

Safety glasses (with side shields) Wear safety glasses or goggles to protect against exposure.

**Skin protection:**

Appropriate chemical resistant gloves should be worn.

**Other Personnel Protection Data:**

To prevent skin contact wear protective clothing covering all exposed areas.

**Respiratory protection:**

Required for dusts and fume conditions. 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

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

### Exposure Guidelines

#### OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
TITANIUM DIOXIDE 13463-67-7	35 - 40	15 mg/m <sup>3</sup> TWA dust total		
NICKEL 7440-02-0	.1 - 1	1 mg/m <sup>3</sup> TWA		

#### ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TITANIUM DIOXIDE 13463-67-7	35 - 40	10 mg/m <sup>3</sup> TWA			

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPRIETARY INERT	1 - 5	1 mg/m <sup>3</sup> TWA respirable fraction			
NICKEL 7440-02-0	.1 - 1	1.5 mg/m <sup>3</sup> TWA inhalable fraction			

## 9. PHYSICAL PROPERTIES

Odor:	Powder with no distinct odor.
Physical State:	powder
pH:	not determined
Vapor pressure:	1 mmHg @ 68°F (20°C)
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	14.43
Specific Gravity:	1.73
Evaporation rate (butyl acetate = 1.0):	not determined
Flash point (Fahrenheit):	950
Flash point (Celsius):	510
Lower explosive limit (%):	not determined
Upper explosive limit (%):	not determined
Autoignition temperature:	not determined

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizing agents Acids or alkalies.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Metal oxide fumes.

**Sensitivity to static discharge:** Sensitivity to static discharge is not expected.

## 11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
TITANIUM DIOXIDE 13463-67-7	35 - 40	> 10000 mg/kg Oral LD50 Rat
PROPRIETARY INERT	1 - 5	> 5000 mg/kg Oral LD50 Rat
NICKEL 7440-02-0	.1 - 1	> 9000 mg/kg Oral LD50 Rat

### Mutagens/Teratogens/Carcinogens:

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

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. Nickel and certain nickel compounds: There is sufficient evidence of the carcinogenicity of nickel and nickel compounds (NTP-1985) also, (IARC 1976, vol. 11) states there is sufficient evidence for the carcinogenicity of certain nickel compounds. Nickel subsulfide is carcinogenic in rats by inhalation, producing lung cancer. Nickel compounds (nickel powder, subsulfide, oxide, carbonate, and nickelocene) produced local sarcomas in mice, rats and hamsters when given intramuscularly. Inhalation of nickel carbonyl produced a low incidence of lung tumors in rats.

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>California Prop 65 - Reproductive (Female)</b>	<b>California Prop 65 - Carcinogen</b>
NICKEL 7440-02-0	.1 - 1		Listed. initial date 10/1/89 - carcinogen

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>IARC Group 1 - Human Evidence</b>	<b>IARC Group 2A - Limited Human Data</b>	<b>IARC Group 2B - Sufficient Animal Data</b>
TITANIUM DIOXIDE 13463-67-7	35 - 40			Monograph 47 [1989]
NICKEL 7440-02-0	.1 - 1			Supplement 7 [1987]

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>NTP Known Carcinogens</b>	<b>NTP Suspect Carcinogens</b>	<b>NTP Evidence of Carcinogenicity</b>
TITANIUM DIOXIDE 13463-67-7	35 - 40			male rat-negative; female rat-negative; male mice-negative; female mice-negative
NICKEL 7440-02-0	.1 - 1		Reasonably Anticipated To Be A Human Carcinogen	

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>OSHA - Hazard Communication Carcinogens</b>	<b>OSHA - Specifically Regulated Carcinogens</b>	<b>ACGIH Carcinogens</b>
TITANIUM DIOXIDE 13463-67-7	35 - 40	Present		
NICKEL 7440-02-0	.1 - 1	Present		

## 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

UN ID Number (msds):

NRPDRY

Proper Shipping Name:

PAINT, DRY, NOT REGULATED

## 14. TRANSPORTATION INFORMATION

### 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):

UN ID Number (msds): NRPDRY  
Proper Shipping Name: PAINT, DRY, NOT REGULATED

#### International Maritime Organization (IMO):

IMO UN/ID Number (msds): NRPDRY  
Proper Shipping Name: PAINT, DRY, NOT REGULATED

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
NICKEL 7440-02-0	.1 - 1		form R reporting required for 0.1% de minimis concentration	100

### SARA 311/312 Hazard Class:

Acute: yes  
Chronic: yes  
Flammability: no  
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:

PROPRIETARY INERT Trade Secret  
TITANIUM DIOXIDE 13463-67-7

### Additional Non-Hazardous Materials

PROPRIETARY RESIN Trade Secret  
PROPRIETARY RESIN Trade Secret

### California Proposition 65:

WARNING! This product contains a chemical known in the State of California to cause cancer.

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**

<b>Health:</b>	2*
<b>Flammability:</b>	1
<b>Reactivity:</b>	1
<b>PPE:</b>	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:**

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. This MSDS contains additional information required by the state of Pennsylvania.

**Preparation Information:**

Prepared By:	Regulatory Affairs Department
Print date:	26/Mar/2010
Revision Date:	17/Mar/2009