

# The Valspar Corporation

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Material Identification

**Product ID:** 456.0106461.076  
Product Name: 6461 JOHN DEERE YLW 6U  
Product Use: Paint or Coatings Related Product  
Print date: 22/Feb/2008  
Revision Date: 20/Feb/2008

#### Company Identification

The Valspar Corporation - Architectural Coatings Division  
1000 Lake Road  
Medina, OH 44256  
Manufacturer's Phone: 1-330-725-4511

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

### 2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	Approx. Weight %	Chemical name
DIMETHYL KETONE 67-64-1	40 - 45	ACETONE
PROPANE 74-98-6	15 - 20	Propane
XYLENE (W/ ANTI-STATIC) 1330-20-7	5 - 10	Xylenes (o-, m-, p- isomers)
BUTANE 106-97-8	5 - 10	Butane
ETHYL 3- ETHOXYPROPIONATE 763-69-9	1 - 5	Ethyl 3-ethoxypropionate
ETHYL ACETATE 141-78-6	1 - 5	Ethylacetate
ETHYLBENZENE 100-41-4	1 - 5	Ethyl benzene
TITANIUM DIOXIDE 13463-67-7	1 - 5	Titanium dioxide
METHYL ETHYL KETONE 78-93-3	1 - 5	Methyl ethyl ketone
PROPRIETARY RESIN	1 - 5	PROPRIETARY RESIN
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT

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

### 3. HAZARDS IDENTIFICATION

#### Primary Routes of Exposure:

Inhalation

### 3. HAZARDS IDENTIFICATION

Ingestion  
Skin absorption

#### Emergency Overview:

This section not in use.

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

#### Inhalation Effects:

Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or respiratory irritation.

#### Eye Contact:

Causes eye irritation.

#### Skin Contact:

May cause moderate skin irritation.

#### Acute Ingestion:

None known

#### Other Effects:

May cause kidney damage. May cause liver damage.

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

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Prolonged and/or repeated contact can result in skin irritation. May cause skin drying with prolonged exposure.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

### 4. FIRST AID MEASURES

#### Inhalation:

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

#### Eye Contact:

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

#### Skin Contact:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes.

#### Ingestion:

If swallowed, contact medical personnel immediately to determine best course of action.

**Medical conditions aggravated by exposure:** Any respiratory or skin condition.

### 5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	-31° F ( -35° C) TCC/PM
Lower explosive limit:	2 %
Upper explosive limit:	13 %
Autoignition temperature:	Not available. ° F ( ° C)
Sensitivity to impact:	No.

## 5. FIRE FIGHTING MEASURES

Sensitivity to static discharge:

Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

Hazardous combustion products:

See Section 10.

### Unusual fire and explosion hazards:

Contaminated rags, wipes, saw dust, etc., may catch fire spontaneously. Store waste under water in closed metal containers or in approved self-closing containers designed to prevent spontaneous combustion until disposed of in compliance with applicable regulations. Contains oxidizable materials.

### Extinguishing media:

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

### Fire fighting procedures:

Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

Ventilate area. Avoid breathing of vapors. 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 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Remove sources of ignition. Remove with inert absorbent and 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 flames. 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:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

#### Skin protection:

Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

#### 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

Required when spraying or applying in confined area. Ventilation equipment should be explosion proof. Eliminate ignition sources.

### Exposure Guidelines

## OSHA Permissible Exposure Limits (PEL's)

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
DIMETHYL KETONE 67-64-1	40 - 45	2400 mg/m <sup>3</sup> 1000 ppm		
PROPANE 74-98-6	15 - 20	1800 mg/m <sup>3</sup> 1000 ppm		
XYLENE (W/ ANTI-STATIC) 1330-20-7	5 - 10	435 mg/m <sup>3</sup> 100 ppm		
ETHYL ACETATE 141-78-6	1 - 5	1400 mg/m <sup>3</sup> 400 ppm		
ETHYLBENZENE 100-41-4	1 - 5	435 mg/m <sup>3</sup> 100 ppm		
TITANIUM DIOXIDE 13463-67-7	1 - 5	15 mg/m <sup>3</sup> Total dust.		
METHYL ETHYL KETONE 78-93-3	1 - 5	590 mg/m <sup>3</sup> 200 ppm		
PROPRIETARY INERT	1 - 5	5 mg/m <sup>3</sup> Respirable fraction. 15 mg/m <sup>3</sup> Total dust.		

## ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
DIMETHYL KETONE 67-64-1	40 - 45	500 ppm	750 ppm		
PROPANE 74-98-6	15 - 20	1000 ppm			
XYLENE (W/ ANTI-STATIC) 1330-20-7	5 - 10	100 ppm	150 ppm		
BUTANE 106-97-8	5 - 10	1000 ppm			
ETHYL ACETATE 141-78-6	1 - 5	400 ppm			
ETHYLBENZENE 100-41-4	1 - 5	100 ppm	125 ppm		
TITANIUM DIOXIDE 13463-67-7	1 - 5	10 mg/m <sup>3</sup>			
METHYL ETHYL KETONE 78-93-3	1 - 5	200 ppm	300 ppm		
PROPRIETARY INERT	1 - 5	10 mg/m <sup>3</sup>			

If this section is blank, no information is available.

## 9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	NOT DETERMINED mmHG @ 68° F ( 20° C)
Vapor density (air = 1.0):	5
Boiling point:	-42° F ( -41° C)
Solubility in water:	Not determined.

## 9. PHYSICAL PROPERTIES

Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	6.46
Specific Gravity:	.77
Evaporation rate (butyl acetate = 1.0):	5.6

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizers.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

**Sensitivity to static discharge:** Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

## 11. TOXICOLOGICAL INFORMATION

**Mutagens:**  
None known.

**Teratogens:**  
None known.

Contains ethylbenzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethylbenzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans. 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.

Common Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
ETHYLBENZENE 100-41-4	1 - 5			Monograph 77, 2000
TITANIUM DIOXIDE 13463-67-7	1 - 5			2B Possible Carcinogen

Common Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
ETHYLBENZENE 100-41-4	1 - 5			male rat-clear evidence; female rat-some evidence; male mice- some evidence; female mice-some evidence

Common Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
ETHYLBENZENE 100-41-4	1 - 5			Group A3 Confirmed animal carcinogen with unknown relevance to humans.

## 12. ECOLOGICAL DATA

Not available at this time.

### 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: CONSUMER COMMODITY ORM-D  
UN ID Number: CONCOM

#### 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.

#### International Air Transport Association:

Proper Shipping Name: AEROSOLS, FLAMMABLE  
Hazard Class: 2.1  
UN ID Number: UN1950

#### International Maritime Organization:

Proper Shipping Name: AEROSOLS  
Hazard Class: 2  
Non-Bulk UN ID Number: UN1950  
Marine Pollutant Ingredient 1 **Dibutyl phthalate**

### 15. REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS:

Common Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
DIMETHYL KETONE 67-64-1	40 - 45			5000
XYLENE (W/ ANTI-STATIC) 1330-20-7	5 - 10		form R reporting required for 1.0% de minimis concentration	100
ETHYL ACETATE 141-78-6	1 - 5			5000
ETHYLBENZENE 100-41-4	1 - 5		form R reporting required for 1.0% de minimis concentration	1000
METHYL ETHYL KETONE 78-93-3	1 - 5			5000

#### SARA 311/312 Hazard Class:

Acute: Yes  
Chronic: Yes  
Flammability: Yes  
Reactivity: No  
Sudden Pressure: Yes

#### U.S. STATE REGULATIONS:

**Pennsylvania Right To Know:**

DIMETHYL KETONE	67-64-1
PROPANE	74-98-6
ETHYL 3-ETHOXYPROPIONATE	763-69-9
PROPRIETARY INERT	Trade Secret
XYLENE (W/ ANTI-STATIC)	1330-20-7
METHYL ETHYL KETONE	78-93-3
TITANIUM DIOXIDE	13463-67-7
ETHYLBENZENE	100-41-4
BUTANE	106-97-8
ETHYL ACETATE	141-78-6
PROPRIETARY RESIN	Trade Secret

**Additional Non-Hazardous Materials**

PROPRIETARY RESIN	Trade Secret
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**California Proposition 65:**

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

**Rule 66 status of product** Photochemically reactive.

**INTERNATIONAL REGULATIONS - Chemical Inventories**

**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>	4
<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:**

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