

The Valspar Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: J3121
Product Name: J3121
Product Use: Paint product.
Date Published: 2011/04/12
Revision Date: 2011/04/10

Company Identification

Guangdong Yuegang Dadi Paints Ltd.
No.2 Baoye Rd, Gaoli Industrial Zone, Ronggui, Shunde, Foshan City,
Guangdong province, P.R. China 528305
Manufacturer's Phone: 86-757-28303381

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

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS #	Approx Wt%	Chemical name
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	10 - 15	Propylene glycol monomethyl ether
DIACETONE ALCOHOL 123-42-2	10 - 15	Diacetone alcohol
XYLENE 1330-20-7	10 - 15	Xylenes (o-, m-, p- isomers)
BENZYL ALCOHOL 100-51-6	1 - 5	Benzyl alcohol
N-BUTYL ALCOHOL 71-36-3	1 - 5	n-Butyl alcohol
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	Dipropylene glycol monomethyl ether
ETHYLBENZENE 100-41-4	1 - 5	Ethyl benzene
TOLUENE 108-88-3	1 - 5	Toluene
FORMALDEHYDE 50-00-0	0 - .1	Formaldehyde

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

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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:

Corneal Injury/eye damage. May cause eye burns.

Skin Contact:

Contains a component which is a known or suspected skin sensitizer. Harmful if absorbed through the skin.

Acute Ingestion:

May be harmful if swallowed.

Other Effects:

May cause central nervous system depression. May cause liver damage. May cause kidney 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. This product contains ingredients which may produce an allergic respiratory response. Treat as a respiratory sensitizer. Contains a component which is a known or suspected skin sensitizer. May cause liver damage. May cause kidney damage. Hearing loss. Contains formaldehyde which is considered a potential carcinogen by the Occupational Health and Safety Administration. Suspect cancer hazard. Contains ingredients which may cause cancer. Risk of cancer depends upon the duration and level of exposure. Possible birth defects hazard. Contains ingredients which may cause birth defects based on animal data.

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

4. FIRST AID MEASURES

Inhalation:

If inhaled, move victim to fresh air and seek medical attention. If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get 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, get medical attention immediately. If swallowed, do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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

5. FIRE FIGHTING MEASURES

Flash point (Fahrenh	40° F (4.44° C) TCC/PM
Lower explosive limi	1
Upper explosive limit:	15

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Autoignition temperature: Not available.° F (° C)
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:
None known.

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. 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. Containers should be grounded/bonded when pouring. Avoid free fall of liquid in excess of a few inches. 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.

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:
Unless air monitoring demonstrates vapor/mist levels above applicable limits, no respirator is required. If respirator is required, the appropriate, properly fitted respirator (NIOSH approved) should be worn during application. Follow respirator manufacturers directions for respirator use.

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 #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
PROPYLENE GLYCOL MONO METHYL ETHER	10 - 15	100 PPM		

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Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
107-98-2				
DIACETONE ALCOHOL 123-42-2	10 - 15	50 ppm TWA; 240 mg/m3 TWA		
XYLENE 1330-20-7	10 - 15	100 ppm TWA; 435 mg/m3 TWA		
N-BUTYL ALCOHOL 71-36-3	1 - 5	100 ppm TWA; 300 mg/m3 TWA	50 PPM	SKIN, OSHA
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	100 PPM		SKIN, OSHA
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA; 435 mg/m3 TWA		
TOLUENE 108-88-3	1 - 5	200 ppm TWA; C 300 ppm	C 300 ppm	
FORMALDEHYDE 50-00-0	0 - .1	0.75 PPM		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	10 - 15	100 ppm TWA	150 ppm STEL		
DIACETONE ALCOHOL 123-42-2	10 - 15	50 ppm TWA			
XYLENE 1330-20-7	10 - 15	100 ppm TWA	150 ppm STEL		
N-BUTYL ALCOHOL 71-36-3	1 - 5	50 PPM		(C 50 ppm)	(skin) - potential for cutaneous absorption
DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8	1 - 5	100 ppm TWA; 606 mg/m3 TWA	150 ppm STEL		skin - potential for cutaneous absorption
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA	125 ppm STEL		
TOLUENE 108-88-3	1 - 5	50 ppm TWA			skin - potential for cutaneous absorption
FORMALDEHYDE 50-00-0	0 - .1			C 0.3 ppm	

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	28 90° F (32° C)
Vapor density (air = 1.0):	5.1
Boiling point:	230° F (110° C)
Solubility in water:	Not determined.
Coefficient of water/oil distribution:	Not determined.
Density (weight per gallon):	8.404
Specific gravity (water = 1):	1

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Evaporation rate (butyl acetate = 1.0): 2

10. STABILITY AND REACTIVITY

Stability: This product is stable.
 Conditions to Avoid: None known.
 Incompatibility: Strong oxidizers.
 Hazardous Polymerization: None anticipated.
 Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Phenolics.

11. TOXICOLOGICAL INFORMATION

Common Name CAS #	Approx Wt%	Calif- Prop. 65. Developmental Toxicity	California Prop 65 - reproductive male
TOLUENE 108-88-3	1 - 5	developmental toxicity; initial date 1/1/91	

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.

Common Name CAS #	Approx Wt%	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
FORMALDEHYDE 50-00-0	0 - .1		Monograph 62, 1995	Monograph 62, 1995

Common Name CAS #	Approx Wt%	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
FORMALDEHYDE 50-00-0	0 - .1		Suspect Carcinogen	

Common Name CAS #	Approx Wt%	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
ETHYLBENZENE 100-41-4	1 - 5		Monograph 77, 2000IARC - Group 2B (Possibly carcinogenic to humans)	
TOLUENE 108-88-3	1 - 5			A4 - Not Classifiable as a Human Carcinogen
FORMALDEHYDE 50-00-0	0 - .1	PRESENT	Suspect CarcinogenNTP Ninth Report - Suspect CarcinogensMonograph 62, 1995IARC - Group 2A (Probably carcinogenic to humans)	A2 - suspected human carcinogen

12. ECOLOGICAL DATA

Not available at this time.

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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: PAINT
 Hazard Class: 3
 UN ID Number: UN1263
 Packing Group: II

49 CFR Hazardous Material Regulations Parts 100-180

Valspar will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

International Air Transport Association:

Proper Shipping Name: PAINT
 Hazard Class: 3
 UN ID Number: UN1263
 Packing Group: II

International Maritime Organization:

Proper Shipping Name: Paint
 Hazard Class: 3
 UN ID Number: UN1263
 Packing Group: II

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Common Name CAS #	Approx Wt%	SARA 302	SARA 313	CERCLA RQ IN LBS.
XYLENE 1330-20-7	10 - 15		form R reporting required for 1.0% de minimis concentration	100
N-BUTYL ALCOHOL 71-36-3	1 - 5		form R reporting required for 1.0% de minimis concentration	5000
ETHYLBENZENE 100-41-4	1 - 5		form R reporting required for 1.0% de minimis concentration	1000
TOLUENE 108-88-3	1 - 5		form R reporting required for 1.0% de minimis concentration	1000
FORMALDEHYDE 50-00-0	0 - .1	TPQ = 500 pounds; RQ = 100 pounds (does not meet toxicity criteria but because of high production volume and recognized toxicity is considered a chemical of concern)	form R reporting required for 0.1% de minimis concentration	100

SARA 311/312 Hazard Class:

Acute: Yes

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

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

TOLUENE	108-88-3
ETHYLBENZENE	100-41-4
DIACETONE ALCOHOL	123-42-2
N-BUTYL ALCOHOL	71-36-3
BENZYL ALCOHOL	100-51-6
PROPYLENE GLYCOL MONO METHYL ETHER	107-98-2
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8
XYLENE	1330-20-7

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
PROPRIETARY RESIN	Trade Secret

California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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: Not all components in this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2
Flammability:	3
Reactivity:	1
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 Substance Chemical Administration, 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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