

(10665)

# valspar

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## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

**Product ID:** 89R12B  
**Product Name:** H/B EOPXY BASE CNR 12 RED  
**Product Use:** Paint product.  
**Effective date:** 21/Dec/2011  
**Revision Date:** 21/Dec/2011  
**UN ID Number (msds):** UN1263  
**WHMIS Classification:** B2 Flammable Liquids D2A Very Toxic Material D2B Toxic Material

#### Company Identification

Valspar, Inc.  
1915 Second Street West  
Cornwall , Ontario K6H 5T1

**Tech Info Phone:** 1-416-284-1681

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

### 2. HAZARDS IDENTIFICATION

#### Primary Routes of Exposure:

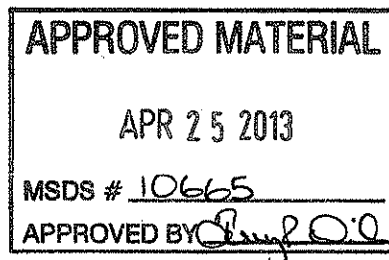
Inhalation  
Ingestion  
Skin absorption

#### Eye Contact:

- Causes eye burns.
- Risk of serious damage to eyes.
- Causes serious eye damage.

#### Skin Contact:

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



**Ingestion:****Inhalation:**

- Causes respiratory tract irritation.
- Harmful by inhalation.
- May cause sensitization by inhalation.

**Target Organ and Other Health Effects:**

- Causes headache, drowsiness or other effects to the central nervous system.
- Kidney injury may occur.
- Liver injury may occur.

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

- Contains formaldehyde which is considered a potential carcinogen by the Occupational Health and Safety Administration.
- Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).
- 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.
- Possible sensitization.

**Carcinogens:**

- Cancer hazard. Contains material which can cause cancer.
- Suspect cancer hazard. Contains material which may cause cancer.

**3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS**

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name	CAS Number
RESIN 25036-25-3	25 - 30	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)] bis[oxirane]	25036-25-3
TALC 14807-96-6	20 - 25	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6
IRON OXIDE 1309-37-1	10 - 15	IRON OXIDE(Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1
XYLENE 1330-20-7	10 - 15	Xylenes (o-, m-, p-isomers)	1330-20-7
METHYL ETHYL KETONE 78-93-3	5 - 10	Methyl ethyl ketone	78-93-3
BARIUM SULPHATE 7727-43-7	5 - 10	Barium sulfate	7727-43-7
ETHYLBENZENE 100-41-4	1 - 5	Ethyl benzene	100-41-4
SILICA 14808-60-7	.1 - 1	QUARTZ (SiO <sub>2</sub> )	14808-60-7

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

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.**

## 4. FIRST AID MEASURES

### Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

### Skin Contact:

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

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### Ingestion:

Get medical attention immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Give one or two glasses of water.

### Inhalation:

Move to fresh air. Get medical attention, if symptoms develop or persist. 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):	41
Flash point (Celsius):	5
Lower explosive limit (%):	1
Upper explosive limit (%):	16
Autoignition temperature:	not determined
Sensitivity to impact:	no
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:

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:

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. Ventilate the area. Avoid breathing dust or vapor. Use self-containing breathing apparatus or airmask for large spills in a confined area. Soak up with inert absorbent material. Use only non-sparking tools. Avoid all personal contact.

## 7. HANDLING AND STORAGE

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

Keep container closed when not in use. Keep away from heat, sparks and open flame. - No smoking. 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:

Gloves: Neoprene or other nonporous.

#### Other Personal Protection Data:

Wear protective gloves/clothing and eye/face protection. Chemical resistant apron

#### 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

Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment. Ensure adequate ventilation, especially in confined areas. Eliminate all ignition sources if safe to do so.

### Exposure Guidelines

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

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
TALC 14807-96-6	20 - 25	Respirable. Listed. Total dust. Listed.		
IRON OXIDE 1309-37-1	10 - 15	10 mg/m <sup>3</sup> TWA fume		
XYLENE 1330-20-7	10 - 15	100 ppm TWA 435 mg/m <sup>3</sup> TWA		
METHYL ETHYL KETONE 78-93-3	5 - 10	200 ppm TWA 590 mg/m <sup>3</sup> TWA		
BARIUM SULPHATE 7727-43-7	5 - 10	5 mg/m <sup>3</sup> TWA respirable fraction		
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA 435 mg/m <sup>3</sup> TWA		
SILICA 14808-60-7	.1 - 1	(30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA, total dust (250)/(%SiO <sub>2</sub> + 5) mppcf TWA, respirable fraction (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA, respirable fraction		

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

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TALC 14807-96-6	20 - 25	2 mg/m <sup>3</sup> TWA respirable fraction, particulate matter containing no asbestos and <1% crystalline silica			
IRON OXIDE 1309-37-1	10 - 15	5 mg/m <sup>3</sup> TWA respirable fraction			
XYLENE 1330-20-7	10 - 15	100 ppm TWA	150 ppm STEL		
METHYL ETHYL KETONE 78-93-3	5 - 10	200 ppm TWA	300 ppm STEL		
BARIUM SULPHATE 7727-43-7	5 - 10	10 mg/m <sup>3</sup> TWA			
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA	125 ppm STEL		
SILICA 14808-60-7	.1 - 1	0.025 mg/m <sup>3</sup> TWA respirable fraction			

## 9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	78 mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	3.7
Boiling point:	not determined
Solubility in water:	Negligible (less than 0.1%)
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	12.31
Specific Gravity:	1.48
Evaporation rate (butyl acetate = 1.0):	5.6
Flash point (Fahrenheit):	41
Flash point (Celsius):	5
Lower explosive limit (%):	1
Upper explosive limit (%):	16
Autoignition temperature:	not determined

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Silicon dioxide. Carbon monoxide and carbon dioxide. Oxides of sulfur. Metal oxide fumes. phenolic

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

## 11. TOXICOLOGICAL INFORMATION

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Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
IRON OXIDE 1309-37-1	10 - 15	> 10000 mg/kg Oral LD50 Rat
XYLENE 1330-20-7	10 - 15	= 4300 mg/kg Oral LD50 Rat = 47635 mg/L Inhalation LC50 Rat 4 h = 5000 ppm Inhalation LC50 Rat 4 h > 1700 mg/kg Dermal LD50 Rabbit
METHYL ETHYL KETONE 78-93-3	5 - 10	= 2737 mg/kg Oral LD50 Rat = 32 g/m <sup>3</sup> Inhalation LC50 Mouse 4 h = 6480 mg/kg Dermal LD50 Rabbit
ETHYLBENZENE 100-41-4	1 - 5	= 15354 mg/kg Dermal LD50 Rabbit = 17.2 mg/L Inhalation LC50 Rat 4 h = 3500 mg/kg Oral LD50 Rat
SILICA 14808-60-7	.1 - 1	= 500 mg/kg Oral LD50 Rat

### Mutagens/Teratogens/Carcinogens:

Cancer hazard. Contains material which can cause cancer. Suspect cancer hazard. Contains material which may cause cancer.

Contains crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystalline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist. 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.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
ETHYLBENZENE 100-41-4	1 - 5		Listed. initial date 6/11/04 - carcinogen
SILICA 14808-60-7	.1 - 1		Listed. initial date 10/1/88 - carcinogen

Ingredient 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]
SILICA 14808-60-7	.1 - 1	Monograph 68 [1997]		

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TALC 14807-96-6	20 - 25			male rat-some evidence; female rat-clear evidence; male mice-no evidence; female mice- no evidence
XYLENE 1330-20-7	10 - 15			male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence

Ingredient 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
SILICA 14808-60-7	.1 - 1	Known Human Carcinogen		

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
ETHYLBENZENE 100-41-4	1 - 5	Present		A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
SILICA 14808-60-7	.1 - 1	Present		A2 Suspected Human Carcinogen

## 12. ECOLOGICAL DATA

No information on ecology is available.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste at an approved hazardous waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.

## 14. TRANSPORTATION INFORMATION

### Canadian Transport of Dangerous Goods

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

### TDG Clear Language Exceptions:

For Dangerous Goods, the supplier may apply one of the following exceptions (TDG Reference): Limited quantity/Consumer Commodity (1.17), Does not sustain combustion, etc. (2.18), Viscous liquid (2.19), Flammable liquid General Exemption (1.33) or US DOT Reciprocity (9.1,3 & 4). Please consult current TDG regulations before applying any of these exceptions to subsequent shipments.

### International Air Transport Association (IATA):

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

### International Maritime Organization (IMO):

Proper Shipping Name: PAINT  
Hazard Class: 3  
IMO UN/ID Number (msds): UN1263  
Packing Group: II

## 15. REGULATORY INFORMATION

### INTERNATIONAL REGULATIONS - Chemical Inventories

#### Canada National Pollutant Release Inventory:

Ingredient Name CAS-No.	Approx. Weight %	NPRI Status
IRON OXIDE 1309-37-1	10 - 15	YES
XYLENE 1330-20-7	10 - 15	Part 1, Group 1 Substance Part 5 Substance Part 1, Group 1 Substance
METHYL ETHYL KETONE 78-93-3	5 - 10	Part 1, Group 1 Substance Part 5 Substance Part 1, Group 1 Substance
ETHYLBENZENE 100-41-4	1 - 5	Part 1, Group 1 Substance

## 16. OTHER INFORMATION

#### HMIS Codes

Health: 3  
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 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: 21/Dec/2011  
Revision Date: 21/Dec/2011

#### Technical Information:

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