The Valspar Corporation
Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: **456.0109413.076**
Product Name: 9413 FLEXIBLE PRIMER
Product Use: Paint product.
Print date 21/Jan/2007
Revision Date 09/Jan/2007

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	30 - 35	ACETONE
PROPANE 74-98-6	15 - 20	Propane
TOLUENE 108-88-3	10 - 15	Toluene
XYLENE 1330-20-7	5 - 10	Xylenes (o-, m-, p- isomers)
BUTANE 106-97-8	5 - 10	Butane
ISOBUTYL ACETATE 110-19-0	1 - 5	Isobutyl acetate
TITANIUM DIOXIDE 13463-67-7	1 - 5	Titanium dioxide
TALC 14807-96-6	1 - 5	TALC (MG3H2(SI03)4)
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
CRYSTALLINE SILICA 14808-60-7	.1 - 1	QUARTZ (Si02)
CARBON BLACK 1333-86-4	.1 - 1	CARBON BLACK

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

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

3. HAZARDS IDENTIFICATION

Inhalation
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:
Corneal Injury/eye damage. Causes eye irritation.

Skin Contact:
May cause moderate skin irritation.

Acute Ingestion:
None known

Other Effects:
May cause central nervous system depression. 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 exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis). Prolonged and/or repeated contact can result in skin irritation. May cause skin drying with prolonged exposure. Possible birth defects hazard. Contains ingredients which may cause birth defects based on animal data. May cause kidney damage. May cause liver damage. Possible cancer hazard. Contains ingredients which may cause cancer based on animal data. Risk of cancer depends on duration and level of 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.

Ingestion:
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. If swallowed, get medical attention immediately.

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

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	-31º F (-35º C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	13 %
Autoignition temperature:	Not available. º F (º C)
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:
Use water spray to cool nearby containers and structures exposed to fire.

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	30 - 35	2400 mg/m³ 1000 ppm		
PROPANE 74-98-6	15 - 20	1800 mg/m³ 1000 ppm		
TOLUENE 108-88-3	10 - 15	200 ppm	300 ppm	
XYLENE 1330-20-7	5 - 10	435 mg/m³ 100 ppm		
ISOBUTYL ACETATE 110-19-0	1 - 5	700 mg/m³ 150 ppm		
TITANIUM DIOXIDE 13463-67-7	1 - 5	15 mg/m³ Total dust.		
TALC 14807-96-6	1 - 5	Respirable. Listed. Total dust. Listed.		
PROPRIETARY INERT	1 - 5	5 mg/m³ Respirable fraction. 15 mg/m³ Total dust.		
PROPRIETARY INERT	1 - 5	5 mg/m³ Respirable fraction. 15 mg/m³ Total dust.		
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Respirable. Listed. Total dust. Listed.		
CARBON BLACK 1333-86-4	.1 - 1	3.5 mg/m³		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
DIMETHYL KETONE 67-64-1	30 - 35	500 ppm	750 ppm		
PROPANE 74-98-6	15 - 20	1000 ppm			
TOLUENE 108-88-3	10 - 15	50 ppm			Can be absorbed through the skin.
XYLENE 1330-20-7	5 - 10	100 ppm	150 ppm		
BUTANE 106-97-8	5 - 10	1000 ppm			
ISOBUTYL ACETATE 110-19-0	1 - 5	150 ppm			
TITANIUM DIOXIDE 13463-67-7	1 - 5	10 mg/m³			

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TALC 14807-96-6	1 - 5	2 mg/m³ Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			
PROPRIETARY INERT	1 - 5	10 mg/m³ Inhalable particles. 3 mg/m³ Respirable particles.			
PROPRIETARY INERT	1 - 5	10 mg/m³			
CRYSTALLINE SILICA 14808-60-7	.1 - 1	0.05 mg/m³ Respirable fraction.			
CARBON BLACK 1333-86-4	.1 - 1	3.5 mg/m³			

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 @ 68º F (20º C)
Vapor density (air = 1.0):	4
Boiling point:	-42º F (-41º C)
Solubility in water:	Not determined.
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	6.62
Specific Gravity	.79
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:

Common Name CAS-No.	Approx. Weight %	California Prop 65 - Developmental Toxicity	California Prop 65 - Reproductive (Male)
TOLUENE 108-88-3	10 - 15	Listed: January 1, 1991 Developmental toxin.	

Teratogens:

Carcinogens:
Contains crystaline silica. The IARC has determined that crystaline silica inhaled in the form of quartz or cristobablite 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 crystaline 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 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
TITANIUM DIOXIDE 13463-67-7	1 - 5			2B Possible Carcinogen
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		
CARBON BLACK 1333-86-4	.1 - 1			Monograph 65, 1996

Common Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TALC 14807-96-6	1 - 5			male rat-some evidence; female rat-clear evidence; male mice-no evidence; female mice-no evidence
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Known carcinogen.		

Common Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
CRYSTALLINE SILICA 14808-60-7	.1 - 1			Group A2 Suspected human carcinogen.

If this section is blank, no information is available.

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

14. TRANSPORTATION INFORMATION

49 CFR Hazardous Material Regulations Parts 100-180
The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" 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: AEROSOLS FLAMMABLE
Hazard Class: 2.1
UN ID Number: UN1950

International Maritime Organization:
Proper Shipping Name: AEROSOLS NOS
Hazard Class: 2.1
Non-Bulk UN ID Number: UN1950

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	30 - 35			5000
TOLUENE 108-88-3	10 - 15		form R reporting required for 1.0% de minimis concentration	1000
XYLENE 1330-20-7	5 - 10		form R reporting required for 1.0% de minimis concentration	100
ISOBUTYL ACETATE 110-19-0	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:

BUTANE	106-97-8
TOLUENE	108-88-3
ISOBUTYL ACETATE	110-19-0
XYLENE	1330-20-7
PROPRIETARY PIGMENT	Trade Secret
TALC	14807-96-6
DIMETHYL KETONE	67-64-1
PROPANE	74-98-6

Additional Non-Hazardous Materials

MODIFIED CHLORINATED POLYOLEFIN	68609-36-9

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

16. OTHER INFORMATION

HMIS Codes

Health:	2
Flammability:	4
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:
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