



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: 018.5339-13.076
Product Name: T+I SPR FORD GRAY 6U
Product Use: Paint product.
Print date: 11/Jun/2013
Revision Date: 11/Jun/2013

Company Identification

The Valspar Corporation
1000 Lake Road
Medina, OH 44256

Manufacturer's Phone: 1-330-725-4511

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

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Eye Contact:

- Severe eye irritation

Skin Contact:

- Causes skin irritation.
- May cause defatting of the skin.
- Dermatitis
- May cause sensitization by skin contact.

Ingestion:

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

- Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation:

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

Acute Other Health Effects:

- May cause frostbite
- Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Target Organ and Other Health Effects:

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

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.
- Possible sensitization.

Carcinogens:

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

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	30 - 35	Acetone
PROPANE 74-98-6	15 - 20	Propane
METHYL ISOBUTYL KETONE 108-10-1	10 - 15	Methylisobutyl ketone
BUTANE 106-97-8	5 - 10	Butane
BUTYL ACETATE 123-86-4	5 - 10	n-Butyl acetate
TITANIUM DIOXIDE 13463-67-7	5 - 10	Titanium dioxide
ISOBUTYL ACETATE 110-19-0	1 - 5	Isobutyl acetate
ETHYL 3- ETHOXYPROPIONATE 763-69-9	1 - 5	Ethyl 3-ethoxypropionate
COBALT OCTOATE 136-52-7	.1 - 1	Hexanoic acid, 2-ethyl-, cobalt(2+) salt

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

4. FIRST AID MEASURES

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

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. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately.

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. Do not give direct mouth-to-mouth resuscitation if inhaled. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	-31
Flash point (Celsius):	-35
Lower explosive limit (%):	1
Upper explosive limit (%):	13
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:

Ventilate the area. Avoid breathing dust or vapor. 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 7, "Handling and Storage", for proper container and storage procedures. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. Avoid contact with eyes.

7. HANDLING AND STORAGE

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Precautions to be taken in handling and storage:

Keep away from heat, sparks and open flame. - No smoking. 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:

Wear safety glasses or goggles to protect against exposure.

Skin protection:

Appropriate chemical resistant gloves should be worn.

Other Personal Protection Data:

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

Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. 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.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	30 - 35	1000 ppm TWA 2400 mg/m ³ TWA		
PROPANE 74-98-6	15 - 20	1000 ppm TWA 1800 mg/m ³ TWA		
METHYL ISOBUTYL KETONE 108-10-1	10 - 15	100 ppm TWA 410 mg/m ³ TWA		
BUTYL ACETATE 123-86-4	5 - 10	150 ppm TWA 710 mg/m ³ TWA		
TITANIUM DIOXIDE 13463-67-7	5 - 10	15 mg/m ³ TWA dust total		
ISOBUTYL ACETATE 110-19-0	1 - 5	150 ppm TWA 700 mg/m ³ TWA		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	30 - 35	500 ppm TWA	750 ppm STEL		
PROPANE 74-98-6	15 - 20	1000 ppm TWA Aliphatic hydrocarbon gases: Alkane C1-C4			
METHYL ISOBUTYL KETONE 108-10-1	10 - 15	20 ppm TWA	75 ppm STEL		
BUTANE 106-97-8	5 - 10	1000 ppm TWA Aliphatic hydrocarbon gases: Alkane C1-C4			
BUTYL ACETATE 123-86-4	5 - 10	150 ppm TWA	200 ppm STEL		
TITANIUM DIOXIDE 13463-67-7	5 - 10	10 mg/m ³ TWA			
ISOBUTYL ACETATE 110-19-0	1 - 5	150 ppm TWA			

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Aerosol
pH:	not determined
Vapor pressure:	NOT DETERMINED mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	5.0
Boiling point:	-44°F (-42°C)
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	6.53
Specific Gravity:	.78
Evaporation rate (butyl acetate = 1.0):	5.6
Flash point (Fahrenheit):	-31
Flash point (Celsius):	-35
Lower explosive limit (%):	1
Upper explosive limit (%):	13
Autoignition temperature:	not determined

10. STABILITY AND REACTIVITY

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

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

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	30 - 35	= 5800 mg/kg Oral LD50 Rat
PROPANE 74-98-6	15 - 20	= 658 mg/L Inhalation LC50 Rat 4 h
METHYL ISOBUTYL KETONE 108-10-1	10 - 15	= 2080 mg/kg Oral LD50 Rat = 8.2 mg/L Inhalation LC50 Rat 4 h > 16000 mg/kg Dermal LD50 Rabbit
BUTANE 106-97-8	5 - 10	= 658 mg/L Inhalation LC50 Rat 4 h
BUTYL ACETATE 123-86-4	5 - 10	= 10768 mg/kg Oral LD50 Rat = 390 ppm Inhalation LC50 Rat 4 h > 17600 mg/kg Dermal LD50 Rabbit
TITANIUM DIOXIDE 13463-67-7	5 - 10	> 10000 mg/kg Oral LD50 Rat
ISOBUTYL ACETATE 110-19-0	1 - 5	= 13400 mg/kg Oral LD50 Rat > 5000 mg/kg Dermal LD50 Rabbit
ETHYL 3- ETHOXYPROPIONATE 763-69-9	1 - 5	= 10 mL/kg Dermal LD50 Rabbit = 3200 mg/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

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

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. The International Agency For Research On Cancer (IARC) has determined that Cobalt and Cobalt Compounds are substances that are possibly carcinogenic to humans (IARC group 2B).

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
METHYL ISOBUTYL KETONE 108-10-1	10 - 15		carcinogen, initial date 11/04/11

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
METHYL ISOBUTYL KETONE 108-10-1	10 - 15			Monograph 101 [in preparation]
TITANIUM DIOXIDE 13463-67-7	5 - 10			Monograph 47 [1989]
COBALT OCTOATE 136-52-7	.1 - 1			Monograph 52 [1991]

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
METHYL ISOBUTYL KETONE 108-10-1	10 - 15			A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
TITANIUM DIOXIDE 13463-67-7	5 - 10	Present		
COBALT OCTOATE 136-52-7	.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):

CONCOM

Proper Shipping Name:

CONSUMER COMMODITY ORM-D [Paint]

U.S Hazmat and/or International DG shipment exceptions

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 No:

UN1950

Proper shipping name:

AEROSOLS, FLAMMABLE

Hazard Class:

2.1

International Maritime Organization (IMO):

UN/ID No:

UN1950

Proper shipping name:

AEROSOLS, FLAMMABLE

Hazard Class:

2.1

Marine Pollutant

No

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	30 - 35			5000
METHYL ISOBUTYL KETONE 108-10-1	10 - 15		form R reporting required for 1.0% de minimis concentration	5000
BUTYL ACETATE 123-86-4	5 - 10			5000

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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