Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	**059.TY26356.085**
Product Name:	JOHN DEERE PAINT & DECAL REMOVER
Product Use:	Paint product.
Print date:	06/Aug/2014
Revision Date:	06/Aug/2014

Company Identification
The Valspar Corporation
PO Box 1461
Minneapolis, MN 55440

Manufacturer's Phone:	1-612-851-7000
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
- Risk of serious damage to eyes.

Skin Contact:

- Causes skin irritation.
- Dermatitis
- May cause defatting of the skin.
- Can be absorbed through skin.
- 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.
- Liver injury may occur.
- Cardiac arrhythmias
- Kidney injury may occur.
- Blood disorders

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).
- Possible sensitization.
- Chronic exposure may cause permanent damage of health.

Teratogens:
- May cause birth defects.
- Female reproductive toxin.

Carcinogens:
- Possible cancer hazard. Contains material which may cause cancer based on animal data.
- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
DIMETHYL KETONE-EXEMPT SOLVENT 67-64-1	20 - 25	Acetone
METHYL ETHYL KETONE 78-93-3	15 - 20	Methyl ethyl ketone
TOLUENE 108-88-3	5 - 10	Toluene
AROMATIC NAPHTHA, HEAVY 64742-94-5	5 - 10	Solvent naphtha, petroleum, heavy arom.
METHYL ISOBUTYL KETONE 108-10-1	5 - 10	Methylisobutyl ketone
PROPANE 74-98-6	5 - 10	Propane

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

BUTANE 106-97-8	5 - 10	Butane
2-METHYLNAPHTHALENE 91-57-6	5 - 10	2-Methynaphthalene
NAPHTHALENE 91-20-3	1 - 5	Naphthalene
1-METHYLNAPHTHALENE 90-12-0	1 - 5	1-Methylnaphthalene
SILICA 14808-60-7	.1 - 1	QUARTZ (Si02)

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):	-100
Flash point (Celsius):	-73
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:
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

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 chemical goggles with splash shields or face shield. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

Skin protection:
Appropriate chemical resistant gloves should be worn.

Other Personel Protection Data:
To prevent skin contact wear protective clothing covering all exposed areas. Ensure that eyewash stations and safety showers are close to the workstation location.

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	20 - 25	1000 ppm TWA 2400 mg/m^3 TWA		
METHYL ETHYL KETONE 78-93-3	15 - 20	200 ppm TWA 590 mg/m^3 TWA		

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
TOLUENE 108-88-3	5 - 10	200 ppm TWA	= 300 ppm Ceiling	
METHYL ISOBUTYL KETONE 108-10-1	5 - 10	100 ppm TWA 410 mg/m^3 TWA		
PROPANE 74-98-6	5 - 10	1000 ppm TWA 1800 mg/m^3 TWA		
NAPHTHALENE 91-20-3	1 - 5	10 ppm TWA 50 mg/m^3 TWA		
SILICA 14808-60-7	.1 - 1	(30)/(%SiO2 + 2) mg/m^3 TWA, total dust (250)/(%SiO2 + 5) mppcf TWA, respirable fraction (10)/(%SiO2 + 2) mg/m^3 TWA, respirable fraction		

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	20 - 25	500 ppm TWA	750 ppm STEL		
METHYL ETHYL KETONE 78-93-3	15 - 20	200 ppm TWA	300 ppm STEL		
TOLUENE 108-88-3	5 - 10	20 ppm TWA			Can be absorbed through the skin.
METHYL ISOBUTYL KETONE 108-10-1	5 - 10	20 ppm TWA	75 ppm STEL		
PROPANE 74-98-6	5 - 10	1000 ppm TWA Aliphatic hydrocarbon gases: Alkane C1-C4			
BUTANE 106-97-8	5 - 10	1000 ppm TWA Aliphatic hydrocarbon gases: Alkane C1-C4			
2-METHYLNAPHTHALENE 91-57-6	5 - 10	0.5 ppm TWA			CAN BE ABSORBED THROUGH THE SKIN
NAPHTHALENE 91-20-3	1 - 5	10 ppm TWA	15 ppm STEL		CAN BE ABSORBED THROUGH THE SKIN
1-METHYLNAPHTHALENE 90-12-0	1 - 5	0.5 ppm TWA			CAN BE ABSORBED THROUGH THE SKIN
SILICA 14808-60-7	.1 - 1	0.025 mg/m^3 TWA respirable fraction			

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Aerosol
pH:	not determined
Vapor pressure:	NOT DETERMINED mmHg @ 68ºF (20ºC)
Vapor density (air = 1.0):	4.91
Boiling point:	-44ºF (-42ºC)
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	6.71
Specific Gravity:	.8
Evaporation rate (butyl acetate = 1.0):	5.7
Flash point (Fahrenheit):	-100
Flash point (Celsius):	-73
Lower explosive limit (%):	1
Upper explosive limit (%):	16
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. Nitrogen compounds.
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	20 - 25	= 5800 mg/kg Oral LD50 Rat
METHYL ETHYL KETONE 78-93-3	15 - 20	= 2737 mg/kg Oral LD50 Rat = 32 g/m^3 Inhalation LC50 Mouse 4 h = 6480 mg/kg Dermal LD50 Rabbit
TOLUENE 108-88-3	5 - 10	= 12.5 mg/L Inhalation LC50 Rat 4 h = 12124 mg/kg Dermal LD50 Rat = 636 mg/kg Oral LD50 Rat = 8390 mg/kg Dermal LD50 Rabbit > 26700 ppm Inhalation LC50 Rat 1 h
AROMATIC NAPHTHA, HEAVY 64742-94-5	5 - 10	> 2000 mg/kg Dermal LD50 Rabbit > 5000 mg/kg Oral LD50 Rat > 590 mg/m^3 Inhalation LC50 Rat 4 h
METHYL ISOBUTYL KETONE 108-10-1	5 - 10	= 2080 mg/kg Oral LD50 Rat = 8.2 mg/L Inhalation LC50 Rat 4 h > 16000 mg/kg Dermal LD50 Rabbit
PROPANE 74-98-6	5 - 10	= 658 mg/L Inhalation LC50 Rat 4 h
BUTANE 106-97-8	5 - 10	= 658 mg/L Inhalation LC50 Rat 4 h

11. TOXICOLOGICAL INFORMATION

2-METHYLNAPHTHALENE 91-57-6	5 - 10	= 1630 mg/kg Oral LD50 Rat
NAPHTHALENE 91-20-3	1 - 5	= 490 mg/kg Oral LD50 Rat > 20 g/kg Dermal LD50 Rabbit > 2500 mg/kg Dermal LD50 Rat > 340 mg/m^3 Inhalation LC50 Rat 1 h
1-METHYLNAPHTHALENE 90-12-0	1 - 5	= 1840 mg/kg Oral LD50 Rat
SILICA 14808-60-7	.1 - 1	= 500 mg/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

May cause birth defects. Female reproductive toxin.

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

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.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Developmental Toxicity	California Prop 65 - Reproductive (Male)
TOLUENE 108-88-3	5 - 10	Listed. initial date 1/1/91 - developmental toxicity	
METHYL ISOBUTYL KETONE 108-10-1	5 - 10	Listed. Initial date 03/28/14 - developmental toxicity	

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
TOLUENE 108-88-3	5 - 10	Listed. Initial date 8/1/09 - female reproductive toxicity	
METHYL ISOBUTYL KETONE 108-10-1	5 - 10		carcinogen, initial date 11/04/11
NAPHTHALENE 91-20-3	1 - 5		Listed. initial date 4/19/02 - 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
METHYL ISOBUTYL KETONE 108-10-1	5 - 10			Monograph 101 [in preparation]
NAPHTHALENE 91-20-3	1 - 5			Monograph 82 [2002]
SILICA 14808-60-7	.1 - 1	Monograph 68 [1997]		

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens
NAPHTHALENE 91-20-3	1 - 5		Reasonably Anticipated To Be A Human Carcinogen
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
METHYL ISOBUTYL KETONE 108-10-1	5 - 10			A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
NAPHTHALENE 91-20-3	1 - 5	Present		
SILICA 14808-60-7	.1 - 1	Present		A2 Suspected Human Carcinogen

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	YES
Marine Pollutant Ingredient 1	NAPHTHALENE
Marine Pollutant Ingredient 2	AROMATIC NAPHTHA, HEAVY

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	20 - 25			5000
METHYL ETHYL KETONE 78-93-3	15 - 20			5000
TOLUENE 108-88-3	5 - 10		form R reporting required for 1.0% de minimis concentration	1000
METHYL ISOBUTYL KETONE 108-10-1	5 - 10		form R reporting required for 1.0% de minimis concentration	5000
NAPHTHALENE 91-20-3	1 - 5		form R reporting required for 1.0% de minimis concentration	100

SARA 311/312 Hazard Class:

Acute:	yes
Chronic:	yes
Flammability:	no
Reactivity:	no
Sudden Pressure:	yes

U.S. STATE REGULATIONS:

Right to Know:
The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

Pennsylvania Right To Know:

METHYL ISOBUTYL KETONE	108-10-1
METHYL ETHYL KETONE	78-93-3
DIMETHYL KETONE- EXEMPT SOLVENT	67-64-1
TOLUENE	108-88-3
AROMATIC NAPHTHA, HEAVY	64742-94-5
NAPHTHALENE	91-20-3
1-METHYLNAPHTHALENE	90-12-0
2-METHYLNAPHTHALENE	91-57-6
PROPANE	74-98-6
BUTANE	106-97-8

Additional Non-Hazardous Materials

PROPRIETARY ADDITIVE	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

US 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:
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:

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