



SAFETY DATA SHEET

Revision date 11-Jun-2015

Version 5

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	278 BATTERY TERM COATNG	6U
Product Code	400.0000278.076	
UN/ID no	UN1950	
Recommended Use	Aerosol, Paint	

Details of the supplier of the safety data sheet

See section 16 for more information

The Valspar Corporation
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Section 2: HAZARDS IDENTIFICATION

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

HAZARD STATEMENTS

Flammable aerosol Contains gas under pressure; may explode if heated
Causes serious eye irritation Suspected of causing cancer May cause drowsiness or dizziness Causes skin irritation

WHMIS Hazard Class

B5 - Flammable aerosol
A - Compressed gases
D2A - Very toxic materials
D2B - Toxic materials



Signal word

WARNING

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PREVENTION

Do not handle until all safety precautions have been read and understood Wash face, hands and any exposed skin thoroughly after handling Use only outdoors or in a well-ventilated area Wear protective gloves/protective clothing/eye protection/face protection Avoid breathing dust/fume/gas/mist/vapors/spray Obtain special instructions before use Do not spray on an open flame or other ignition source Pressurized container: Do not pierce or burn, even after use

RESPONSE

IF exposed or concerned: Get medical advice/attention

Eyes

If eye irritation persists: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Skin

If skin irritation occurs: Get medical advice/attention Rinse skin with water/shower

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Ingestion

Do NOT induce vomiting IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

STORAGE

Store locked up Do not expose to temperatures exceeding 122 °F (50 °C) Protect from sunlight. Store in a well-ventilated place Store in a well-ventilated place

DISPOSAL

Dispose of contents/containers in accordance with local regulations

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Acetone	67-64-1	25 - 50
Isobutyl acetate	110-19-0	10 - 25
Propane	74-98-6	10 - 25
Butane	106-97-8	5 - 10
Xylenes	1330-20-7	1 - 3
Ethylbenzene	100-41-4	0.1 - 0.3

Section 4: FIRST AID MEASURES

First Aid Measures

General advice

IF exposed or concerned: Get medical advice/attention

Eye contact

If eye irritation persists: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Skin Contact

If skin irritation occurs: Get medical advice/attention Rinse skin with water/shower

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Ingestion

Do NOT induce vomiting IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Most important symptoms and effects, both acute and delayed

Symptoms

No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

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Section 5: FIRE FIGHTING MEASURES

Flammable properties	Flammable liquid.
flash point	-31 °F / -35 °C
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Autoignition temperature	No information available
Explosion data	
Sensitivity to Mechanical Impact	No information available.
Sensitivity to Static Discharge	No information available.

Suitable extinguishing media

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂).

Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

Section 7: HANDLING AND STORAGE

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Protect from sunlight. Store in a well-ventilated place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	Alberta	British Columbia	Ontario TWA	Quebec	OSHA PEL
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 500 ppm TWA: 1200 mg/m ³ STEL: 750 ppm STEL: 1800 mg/m ³	TWA: 250 ppm STEL: 500 ppm	TWA: 500 ppm STEL: 750 ppm	TWA: 500 ppm TWA: 1190 mg/m ³ STEL: 1000 ppm STEL: 2380 mg/m ³	TWA: 1000 ppm TWA: 2400 mg/m ³
Isobutyl acetate 110-19-0	TWA: 150 ppm	TWA: 150 ppm TWA: 713 mg/m ³	TWA: 150 ppm	TWA: 150 ppm	TWA: 150 ppm TWA: 713 mg/m ³	TWA: 150 ppm TWA: 700 mg/m ³
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm	TWA: 1000 ppm	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m ³	TWA: 1000 ppm TWA: 1800 mg/m ³
Butane 106-97-8	STEL: 1000 ppm	TWA: 1000 ppm	TWA: 600 ppm STEL: 750 ppm	TWA: 800 ppm	TWA: 800 ppm TWA: 1900 mg/m ³	
Xylenes 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 150 ppm STEL: 651 mg/m ³	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 150 ppm STEL: 651 mg/m ³	TWA: 100 ppm TWA: 435 mg/m ³
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 125 ppm STEL: 543 mg/m ³	TWA: 20 ppm	TWA: 20 ppm	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 125 ppm STEL: 543 mg/m ³	TWA: 100 ppm TWA: 435 mg/m ³

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Skin and body protection

Wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber. Wear suitable protective clothing.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Thermal Protection

No information available

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Aerosol

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Appearance	No information available
Odor	Solvent
Color	amber
Odor Threshold	No information available
pH value	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	No information available °C / °F
flash point	-35 °C / -31 °F
evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor Pressure	No information available
vapor density	No information available
Density (lbs per US gallon)	6.31
specific gravity	.76
Solubility(ies)	Not Determined
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

Other information

Section 10: STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Incompatible materials	Strong bases. Strong oxidizing agents. Strong acids.
Conditions to avoid	Heat, flames and sparks.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO ₂).
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	None under normal processing.

Section 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Information on likely routes of exposure

Eye contact

Causes serious eye irritation

Skin Contact

Causes skin irritation

Ingestion

Not applicable

Inhalation

May cause drowsiness or dizziness

Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone	-	-	= 50100 mg/m ³ (Rat) 8 h
Isobutyl acetate	= 15400 mg/kg (Rat)	> 17400 mg/kg (Rabbit)	-
Propane	-	-	= 658 mg/L (Rat) 4 h
Butane	-	-	= 658 g/m ³ (Rat) 4 h

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Xylenes	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h
Ethylbenzene	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.2 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Causes skin irritation
Serious eye damage/eye irritation	Causes serious eye irritation
Skin sensitization	Not applicable
Respiratory sensitization	Not applicable
Germ cell mutagenicity	Not applicable
Carcinogenicity	Suspected of causing cancer
Reproductive Toxicity	Not applicable
Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness
Specific target organ toxicity (repeated exposure)	Not applicable
Aspiration hazard	Not applicable

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylbenzene	A3	Group 2B		X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Environmental precautions Prevent product from entering drains.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Acetone	-	6210 - 8120 mg/L Pimephales promelas 96h LC50 = 8300 mg/L Lepomis macrochirus 96h LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96h LC50	12600 - 12700 mg/L Daphnia magna 48h EC50 10294 - 17704 mg/L Daphnia magna 48h EC50
Isobutyl acetate	-	-	-
Propane	-	-	-
Butane	-	-	-

Xylenes	-	7.711 - 9.591 mg/L <i>Lepomis macrochirus</i> 96h LC50 23.53 - 29.97 mg/L <i>Pimephales promelas</i> 96h LC50 = 780 mg/L <i>Cyprinus carpio</i> 96h LC50 > 780 mg/L <i>Cyprinus carpio</i> 96h LC50 30.26 - 40.75 mg/L <i>Poecilia reticulata</i> 96h LC50 = 19 mg/L <i>Lepomis macrochirus</i> 96h LC50 = 13.4 mg/L <i>Pimephales promelas</i> 96h LC50 2.661 - 4.093 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 13.5 - 17.3 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 13.1 - 16.5 mg/L <i>Lepomis macrochirus</i> 96h LC50	= 0.6 mg/L <i>Gammarus lacustris</i> 48h LC50 = 3.82 mg/L water flea 48h EC50
Ethylbenzene	1.7 - 7.6 mg/L <i>Pseudokirchneriella subcapitata</i> 96 h EC50 > 438 mg/L <i>Pseudokirchneriella subcapitata</i> 96 h EC50 2.6 - 11.3 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h EC50 = 4.6 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h EC50	9.1 - 15.6 mg/L <i>Pimephales promelas</i> 96h LC50 = 9.6 mg/L <i>Poecilia reticulata</i> 96h LC50 = 32 mg/L <i>Lepomis macrochirus</i> 96h LC50 7.55 - 11 mg/L <i>Pimephales promelas</i> 96h LC50 = 4.2 mg/L <i>Oncorhynchus mykiss</i> 96h LC50 11.0 - 18.0 mg/L <i>Oncorhynchus mykiss</i> 96h LC50	1.8 - 2.4 mg/L <i>Daphnia magna</i> 48h EC50

Persistence and degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

Chemical Name	Partition Coefficient (n-octanol/water)
Acetone	-0.24
Isobutyl acetate	1.72
Propane	2.3
Butane	2.89
Xylenes	3.15
Ethylbenzene	3.118

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

	<u>TDG</u>	<u>IMDG</u>	<u>IATA</u>
UN/ID no	UN1950	UN1950	UN1950
Proper shipping name	Aerosols	Aerosols	Aerosols
Hazard Class	2.1	2.1	2.1
Packing Group			
Environmental hazard	Not applicable		
Special Provisions			

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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No information available

Section 15: REGULATORY INFORMATION

International Inventories

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

All components are listed or exempt from listing

DSL - Canadian Domestic Substances List

All components are listed or exempt from listing

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

WHMIS Hazard Class

B5 - Flammable aerosol

A - Compressed gases

D2A - Very toxic materials

D2B - Toxic materials



Chemical Name	Canada - 2013 NPRI (National Pollutant Release Inventory)
Acetone	Part 4 Substance
Isobutyl acetate	Part 4 Substance
Propane	Part 5, Individual Substances
Butane	Part 5, Isomer Groups Part 4 Substance
Xylenes	Part 1, Group A Substance Part 5, Isomer Groups
Ethylbenzene	Part 1, Group A Substance

GHS - Classification

Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable aerosols	Category 2
Gases under pressure	Liquefied gas

Label elements



Signal word

WARNING

HAZARD STATEMENTS

Flammable aerosol

Contains gas under pressure; may explode if heated

Causes serious eye irritation

Suspected of causing cancer

May cause drowsiness or dizziness

PREVENTION

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Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

RESPONSE

IF exposed or concerned: Get medical advice/attention.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin

Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

STORAGE

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 122 °F (50 °C).

DISPOSAL

Dispose of contents/containers in accordance with local regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Propellant is classified as a simple asphyxiant if released in large quantities: May displace oxygen and cause rapid suffocation.

OTHER HAZARDS

Causes mild skin irritation. Harmful to aquatic life with long lasting effects.

UNKNOWN ACUTE TOXICITY 0% of the mixture consists of ingredient(s) of unknown toxicity.

Section 16: OTHER INFORMATION

HMIS

Health hazards 2*

* = Chronic Health Hazard

Flammability 4

Physical hazards 0

Personal Protection X

Supplier Address

Valspar Consumer Headquarters	The Valspar Corporation 4999 36th St. Grand Rapids, MI 49512 800-253-3957	Valspar Plasti-Kote 1636 Shawson Dr. Mississauga, Ontario L4W 1N7 905-671-8333
8725 W. Higgins Rd. Suite 1000 Chicago, IL 60631 773-628-5500		

Prepared By Product Stewardship

Revision date 11-Jun-2015

Revision Note No information available

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER 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. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

End of Safety Data Sheet

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