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SAFETY DATA SHEET

Revision date 25-Apr-2017

Version 4

Supersedes Date: 07-Jan-2017

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier	
Product Code	PBC47.Q01

Product Name GOLDMINE PEARL

Other means of identification No information available

<u>Recommended use of the chemical and restrictions on use</u> Tint, colorant

Details of the supplier of the safety data sheet See section 16 for more information

The Valspar Corporation PO Box 1461 Minneapolis, MN 55440

E-mail address

msds@valspar.com

Emergency telephone number United States of America 1-888-345-5732 American Samoa, Guam, Northern Mariana Islands, Puerto Rico, U.S. Virgin Islands 1-800-255-3924

Section 2: HAZARDS IDENTIFICATION

Classification

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 3

Label elements



Signal word

DANGER

HAZARD STATEMENTS

Flammable liquid and vapor Harmful if inhaled Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction Suspected of causing cancer Suspected of damaging fertility or the unborn child May cause drowsiness or dizziness May cause damage to organs through prolonged or repeated exposure May be fatal if swallowed and enters airways

PREVENTION

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. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

Inhalation

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

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction.

STORAGE

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.

DISPOSAL

Dispose of contents/containers in accordance with local regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

No information available.

OTHER HAZARDS

Not applicable.

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

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
n-Butyl acetate	123-86-4	25 - 50
Xylenes	1330-20-7	10 - 25
m-Xylene	108-38-3	5 - 10
Ethylbenzene	100-41-4	5 - 10
2-Pentanone, 4-methyl-	108-10-1	3 - 5
p-Xylene	106-42-3	1 - 3
o-Xylene	95-47-6	1 - 3
Titanium dioxide	13463-67-7	1 - 3
Naphtha, petroleum, heavy alkylate	64741-65-7	1 - 3
Toluene	108-88-3	0.1 - 0.3
Proprietary Additive	UNKNOWN	0.1 - 0.3

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: FIRST AID MEASURES

First Aid Measures

General advice

IF exposed or concerned: Get medical advice/attention.

Eye contact

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 Contact

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

Inhalation

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

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

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.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

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

Not to be used for safety reasons: Strong water jet

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. May cause sensitization by skin contact.

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, protective equipment and emergency procedures

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. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

For emergency responders

Use personal protection recommended in Section 8.

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 and material for containment and cleaning up

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. Take up mechanically, placing in appropriate containers for disposal.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

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. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

General Hygiene Considerations

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

Conditions for safe storage, including any incompatibilities

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. Keep tightly closed in a dry and cool place.

Incompatible materials

Strong oxidizing agents.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

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

Chemical Name ACGIH TLV OSHA PEL NIOSH IDLH

n-Butyl acetate	STEL: 200 ppm	TWA: 150 ppm	IDLH: 1700 ppm
123-86-4	TWA: 150 ppm	TWA: 710 mg/m ³	TWA: 150 ppm
			TWA: 710 mg/m ³
			STEL: 200 ppm
			STEL: 950 mg/m ³
Xylenes	STEL: 150 ppm	TWA: 100 ppm	• · · · · · · · · · · · · · · · · ·
1330-20-7	TWA: 100 ppm	TWA: 435 mg/m ³	
m-Xylene	STEL: 150 ppm	TWA: 100 ppm	IDLH: 900 ppm
108-38-3	TWA: 100 ppm	TWA: 435 mg/m ³	TWA: 100 ppm
		Ũ	TWA: 435 mg/m ³
			STEL: 150 ppm
			STEL: 655 mg/m ³
Ethylbenzene	TWA: 20 ppm	TWA: 100 ppm	IDLH: 800 ppm
100-41-4		TWA: 435 mg/m ³	TWA: 100 ppm
		Ũ	TWA: 435 mg/m ³
			STEL: 125 ppm
			STEL: 545 mg/m ³
2-Pentanone, 4-methyl-	STEL: 75 ppm	TWA: 100 ppm	IDLH: 500 ppm
108-10-1	TWA: 20 ppm	TWA: 410 mg/m ³	TWA: 50 ppm
		Ũ	TWA: 205 mg/m ³
			STEL: 75 ppm
			STEL: 300 mg/m ³
p-Xylene	STEL: 150 ppm	TWA: 100 ppm	IDLH: 900 ppm
106-42-3	TWA: 100 ppm	TWA: 435 mg/m ³	TWA: 100 ppm
		Ũ	TWA: 435 mg/m ³
			STEL: 150 ppm
			STEL: 655 mg/m ³
o-Xylene	STEL: 150 ppm	TWA: 100 ppm	IDLH: 900 ppm
95-47-6	TWA: 100 ppm	TWA: 435 mg/m ³	TWA: 100 ppm
			TWA: 435 mg/m ³
			STEL: 150 ppm
			STEL: 655 mg/m ³
Titanium dioxide	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	IDLH: 5000 mg/m ³
13463-67-7	- U		
Toluene	TWA: 20 ppm	TWA: 200 ppm	IDLH: 500 ppm
108-88-3	• •	Ceiling: 300 ppm	TWA: 100 ppm
		J J J J J J J J J J J J J J J J J J J	TWA: 375 mg/m ³
			STEL: 150 ppm
			STEL: 560 mg/m ³

Appropriate engineering controls

Engineering Controls

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

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

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.

Respiratory protection

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Odor Color	liquid No information available Solvent Gold
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	27 °C / 81 °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 (Ibs per US gallon)	8.1
specific gravity	.97
Solubility(ies)	No information available
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

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2). Chlorine gas.

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact Causes serious eye irritation Skin Contact Causes skin irritation May cause an allergic skin reaction Ingestion May be fatal if swallowed and enters airways

Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
n-Butyl acetate 123-86-4	= 10768 mg/kg(Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat)4 h
Xylenes 1330-20-7	= 3500 mg/kg (Rat)	> 1700 mg/kg (Rabbit)> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat)4 h = 5000 ppm (Rat)4 h
m-Xylene 108-38-3	= 5 g/kg (Rat)	= 14100 µL/kg(Rabbit)	-
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.2 mg/L (Rat)4 h
2-Pentanone, 4-methyl- 108-10-1	= 2080 mg/kg (Rat)	= 3000 mg/kg(Rabbit)	= 8.2 mg/L (Rat)4 h
p-Xylene 106-42-3	= 4029 mg/kg (Rat)	-	= 4740 ppm (Rat)4 h = 4550 ppm (Rat)4 h
o-Xylene 95-47-6	= 3608 mg/kg (Rat)	= 14100 mg/kg (Rabbit)	= 4330 ppm (Rat)6 h
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Naphtha, petroleum, heavy alkylate 64741-65-7	> 7000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.04 mg/L (Rat)4 h
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat)4 h
Proprietary Additive UNKNOWN	-	-	-

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (dermal)	4709 Mg/kg
ATEmix (inhalation-dust/mist)	4.7 mg/l
ATEmix (inhalation-vapor)	35 mg/l

UNKNOWN ACUTE TOXICITY

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

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

Carcinogenicity

According to IARC, Volume 93, no significant exposure to primary particles of titanium dioxide is thought to occur from use in paints since the pigment is bound to other materials.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylbenzene 100-41-4	A3	Group 2B		X
2-Pentanone, 4-methyl- 108-10-1	A3	Group 2B		X
Titanium dioxide 13463-67-7		Group 2B		Х

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.

Skin corrosion/irritation	Causes skin irritation
Serious eye damage/eye irritation	Causes serious eye irritation
Skin sensitization	May cause an allergic skin reaction
Respiratory sensitization	Not applicable
Germ cell mutagenicity	Not applicable
Carcinogenicity	Suspected of causing cancer
Carcinogenicity	Suspected of causing cancer
Reproductive Toxicity	Suspected of damaging fertility or the unborn child

	r (single May cause drowsiness o	r dizziness		
exposure) Specific target organ toxicity (repeated exposure)	May cause damage to or	gans through prolonged	or repeated exposure	
Aspiration hazard Not applicable				
Section 12: ECOLOGICAL INFORMATION				
Ecotoxicity Environmental precautions	Prevent product from ent	tering drains.		
Persistence and degradabilit No information available	У			
Bioaccumulation No information available				
<u>Mobility</u> No information available				
Other adverse effects	No information available			
	Section 13: DISPOS	AL CONSIDERATIO	DNS	
Waste treatment methods				
Disposal of wastes	sposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.			
Contaminated packaging	Improper disposal or reu containers must be scrap		be dangerous and illegal. Empty	
	Section 14: TRANS	PORT INFORMATIO	ON	
14.1 UN/ID no 14.2 Proper shipping name	DOT UN1263 Paint related material	IMDG UN1263 Paint related material	IATA UN1263 Paint related material	
14.3 Hazard Class 14.4 Packing Group 14.5 Environmental hazard Not 14.6 Special Provisions	3 III applicable B1, B52, IB3, T2, TP1, TP29, 367 Emergency Response Guide Number	3 III 163, 223, 367 955 EmS-No F-E, S-E	3 III A3, A72, A192	
14.7 Transport in bulk according	128 g to Annex II of MARPOL 73/78 and		No information available	
ICAO/IATA SP Á112); Limited Qua 173.121(b), IMDG 2.3.2.2, IATA 3.	antity (49 CFR 173.150(b), ICAO Part	'3 Chapter 4, IATA 2.7, ÍMD Does Not Sustain Combusti	onsumer Commodity (49 CFR 173.150(c), G Chapter 3.4); Viscous Liquid (49 CFR ion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO rous goods regulations.	

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. Not all components are listed or exempt from listing

DSL - Canadian Domestic Substances List

US Federal Regulations

Xylenes 1330-20-7 10 - 25	1	Present
m-Xylene 108-38-3 5 - 10	1	Present
Ethylbenzene 100-41-4 5 - 10	0.1	Present
2-Pentanone, 4-methyl- 108-10-1 3 - 5	1	Present
o-Xylene 95-47-6 1 - 3	1	Present
p-Xylene 106-42-3 1 - 3	1	Present
Toluene 108-88-3 0.1 - 0.3	1	Present

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
n-Butyl acetate 123-86-4	5000 lb			Х
Xylenes 1330-20-7	100 lb			Х
m-Xylene 108-38-3	100 lb			Х
Ethylbenzene 100-41-4	1000 lb	X	X	Х
p-Xylene 106-42-3	100 lb			Х
o-Xylene 95-47-6	100 lb			Х
Toluene 108-88-3	1000 lb	X	X	Х

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
n-Butyl acetate 123-86-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylenes 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
m-Xylene 108-38-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Ethylbenzene 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
2-Pentanone, 4-methyl- 108-10-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
p-Xylene 106-42-3	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
o-Xylene 95-47-6	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Toluene 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

Rule 66 status of product Photochemically reactive.

Product Code PBC47.Q01

<u>California Proposition 65</u> WARNING! This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

U.S. EPA Label information

EPA Pesticide registration number Not applicable

U.S. State Right-to-Know Regulations

Chemical Name	
n-Butyl acetate	
123-86-4	
Xylenes	
1330-20-7	
Proprietary Non-Hazardous Ingredient - Proprietary CAS	
Proprietary Non-Hazardous Ingredient - Proprietary CAS	
m-Xylene	
108-38-3	
Proprietary Non-Hazardous Ingredient - Proprietary CAS	
Ethylbenzene	
100-41-4	
Proprietary Inert	
2-Pentanone, 4-methyl-	
108-10-1	
o-Xylene	
95-47-6	
p-Xylene	
106-42-3	
Titanium dioxide	
13463-67-7	
Iron oxide (Fe2O3)	
1309-37-1	
Naphtha, petroleum, heavy alkylate	
64741-65-7	
Toluene	
108-88-3	
100-00-0	

Section 16: OTHER INFORMATION

HMIS Health hazards * = Chronic Health Hazard	3*
Flammability Physical hazards Personal Protection	3 0 X
Supplier Address Valspar Coatings 701 Shiloh Rd. Garland, TX 75042 972-276-5181	
Prepared By	Product Stewardship
Revision date Revision Note	25-Apr-2017 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