

24571-XXXX

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Safety Data Sheet (SDS)

Preparation Date 2015/09/28  
Issue Date 2017/06/23

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier: OFB-A, B, C, D, E, F, G, H, I, P, S, V, W, CR65, Z, CR65, X  
Product Code: 0002-2000-1000  
Company Name: PenTel  
Address: 2715 Columbia Street, Torrance California, 90503  
Company Contact: Michael Stone  
Phone Number: 909.975.2238  
Fax Number: 909.975.2291  
Mail Address: 4000 East Airport Drive, Suite C, Ontario California, 91761  
Emergency Phone: 800.421.1972  
Hazardous Materials Recommended Use and Restriction on Use: MMP20 A=Black, B=Red, C=Blue, D=Green, E=Brown, F=Orange, G=Yellow, K=Light Green, N=Gray, P=Pink, S=Sky Blue, V=Violet, W=White, Z=Silver, X=504H

Note: X=Applies to Color		1	2	3	4	5	6	7	8	9	10	11	12	13	14
		MMP20-A Black	MMP20-B Red	MMP20-C Blue	MMP20-D Green	MMP20-E Brown	MMP20-F Orange	MMP20-G Yellow	MMP20-H Light Green	MMP20-I Gray	MMP20-P Pink	MMP20-S Sky Blue	MMP20-V Violet	MMP20-W White	MMP20-X Gold
Physicochemical Hazards	Flammable Liquids Category 2	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Flammable Liquids Category 3	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Acute toxicity - Oral Category 4	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Acute toxicity - Inhalation (vapour) Category 2	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Skin Corrosion / Irritation Category 2	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Serious Eye Damage / Eye Irritation Category 2B	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Carcinogenicity Category 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Specific Target Organ Toxicity (single exposure) Category 3 (Narcotic Effect, Respiratory Tract Irritation)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Specific Target Organ Toxicity (repeated exposure) Category 1 Lung	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Specific Target Organ Toxicity (repeated exposure) Category 1 Liver	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Specific Target Organ Toxicity (repeated exposure) Category 2 Lung	X	O	O	O	O	O	O	O	O	O	O	O	O	O
	Hazard to the aquatic environment (acute hazard) Category 1	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	Hazard to the aquatic environment (acute hazard) Category 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hazard to the aquatic environment (long-term hazard) Category 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Other Hazards than mentioned above are not applicable or No data available.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Section 2- HAZARDS IDENTIFICATION-1

GHS Classification

Health Hazards  
Specific Target Organ Toxicity (single exposure) Category 3 (Narcotic Effect, Respiratory Tract Irritation)  
Specific Target Organ Toxicity (repeated exposure) Category 1 Lung  
Specific Target Organ Toxicity (repeated exposure) Category 2 Lung  
Hazard to the aquatic environment (acute hazard) Category 1  
Hazard to the aquatic environment (acute hazard) Category 2  
Hazard to the aquatic environment (long-term hazard) Category 2  
Other Hazards than mentioned above are not applicable or No data available.



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	Section 2 - HAZARDS IDENTIFICATION-3													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MMP20-A Black	MMP20-B Red	MMP20-C Blue	MMP20-D Green	MMP20-E Brown	MMP20-F Orange	MMP20-G Yellow	MMP20-H Light Green	MMP20-I Gray	MMP20-J Pink	MMP20-K Sky Blue	MMP20-L Violet	MMP20-M White	MMP20-N Gold
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Obtain special instructions before use. (P201)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Do not handle until all safety precautions have been read and understood. (P202)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Keep away from heat, sparks, open flames and hot surfaces. No Smoking. (P210)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Keep Container tightly closed. (P233)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ground or bond container and receiving equipment. (P240)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Use explosion-proof electrical, ventilating and lighting equipment. (P241)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Use only non-sparking tools. (P242)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Take precautionary measures against static discharge. (P243)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Avoid breathing Gas. (P261)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Avoid breathing mist, vapours and spray. (P261)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Avoid breathing dust and fumes. (P261)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Wash Eyes thoroughly after handling. (P264)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Do not eat, drink or smoke when using this product. (270)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Use only outdoors or in a well-ventilated area. (P271)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Avoid release to the environment. (P273)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Wear protective gloves, eye protection and face protection. (P280)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Use personal protective equipment as required. (P281)	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Precautionary Statements / Prevention Precautionary Statements

GHS Label Elements-2

Section 2 - HAZARDS IDENTIFICATION-3

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Section 2 - HAZARDS IDENTIFICATION-4		GHS Label Elements-3													
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N		
Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	White	White	Gold		
<p>IF ON SKIN or Hair: Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)</p> <p>IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. (P304+P340)</p> <p>IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing (Min. 15 Minutes). (P305+P351+P338)</p> <p>Get medical advice and attention if you feel unwell. (P314)</p> <p>If eye irritation persists, Get medical advice and attention. (P337+P313)</p> <p>IF Exposed or Concerned: Call a POISON CENTER Doctor/. (P308+311)</p> <p>IF exposed or concerned: Get medical advice and attention (P308+P313)</p> <p>If skin irritation or rash occurs, get Medical advice and attention (P333+P313)</p> <p>In case of fire, Use appropriate media for extinction. (P570+P373)</p> <p>Store in a well-ventilated place keeping container tightly closed. (P403+P233)</p> <p>Store in a well-ventilated place. Keep cool. (P403+P235)</p> <p>Store locked up. (P405)</p> <p>Dispose of contents and container in accordance with local, regional and national regulations (to be specified). (P501)</p>	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		
	X	X	X	X	X	X	X	X	X	X	X	X	X		

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Section 3- Composition / Information on Ingredients	Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No.	ISHL No.	CAS RN	Distinction of Substance or Mixture													
							1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Propylene glycol Monomethyl ether Acetate	63.60%		(2)-2231	Existing	108-65-6	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Grey	Pink	Sky Blue	Violet	White	Gold
	Ethylcyclohexane	15.00%	C8H16	(3)-2231	Existing	1678-91-7	X	X					X	X				X	X	
	Carbon Black	4.73%		(6)-3328 (5)-5222	Existing	1333-86-4	X								X					
	Nitrocellulose	5.12%		(8)-176	Existing	9004-70-0	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Titanium Dioxide	31.88%	TiO2	(1)-558 (5)-5225	Existing	13463-67-7		X	X	X	X	X	X	X	X	X	X	X	X	X
	C.I. Pigment Blue 15	2.70%		(6)-3369 (5)-5216	Existing	1471-14-8			X	X	X						X			
	Heptane	13.00%	CH3(CH2)5CH3	(2)-7	Existing	142-82-5														X
	Methylcyclohexane	45.00%	C7H14	(3)-2230	Existing	108-87-2														X
	Copper	25.50%	Cu	Unknown	Unknown	7740-50-8														X
	Tributyl Phosphate	5.00%	[CH3(CH2)3]3PO	(2)-20021 (8)-2000	Existing	126-73-8														X
	Inert additives and/or Stabilizing Additives which contribute to the Chemical content			No information available			X	X	X	X	X	X	X	X	X	X	X	X	X	X
Section 4- First Aid Measures	Inhalation	Remove Person to Fresh Air and keep comfortable for Breathing Take off or dispose of all soileded clothes. Wash with soap and water. Immediately rinse skin with water. If skin irritation of rash occurs, get medical advice and attention. Get Medical advice and attention.																		
	Skin Contact	Rinse cautiously with water for 15 minutes. Remove contaminated clothing and shoes. Call a Doctor if you feel unwell.																		
	Eye Contact	Rinse cautiously with water for 15 minutes. Remove contaminated contact lenses, if available and do not remove the contact lenses if you feel unwell. Call a Doctor if you feel unwell.																		
	Ingestion	Rinse Mouth. Get medical advice and attention if you feel unwell. Do Not Induce Vomiting																		

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N	
	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Grey	Pink	Sky Blue	White	White	Gold	
Section 5- FIRE FIGHTING	Extinguishing Media	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Unstable Extinguishing Media	O	O	O	O	O	O	O	O	O	O	O	O	O	
	Specific Hazards	X	X	X	X	X	X	X	X	X	X	X	X	X	
Section 6 - ACCIDENTAL RELEASE MEASURES-1	Protection of Fire Fighter	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Personal Precautions, Protective Equipment and Emergency Procedures	Dry chemicals, CO <sub>2</sub> , water spray or regular foam straight streams at base of fire.													
		None noted													
	Personal Precautions, Protective Equipment and Emergency Procedures	Container's may explode when heated													
		Highly Flammable; will easily be ignited by heat, sparks or flames													
	Personal Precautions, Protective Equipment and Emergency Procedures	In fire fighting, wear respiratory protection and chemical protective clothing.													
		Isolate the site as a leak area by providing a zone that has appropriate width to all directions.													
	Personal Precautions, Protective Equipment and Emergency Procedures	Keep Unauthorized Personnel away.													
		Stay Upwind													
	Personal Precautions, Protective Equipment and Emergency Procedures	Wear appropriate personal protective equipment (Refer to "Section 8-EXPOSURE CONTROL/PERSONAL PROTECTION")													
Avoid Inhalation or contact with Eyes and Skin.															
Environmental	Keep out of Low Areas.														
	Do not release into the environment.														
	Stop Leak if you can do so without risk.														
Environmental	Pay attention not to cause the influence on the environment by discharging into rivers or waterways.														

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N	
	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	
<p><b>Section 6 - ACCIDENTAL RELEASE MEASURES-2</b></p> <p>This product is water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.</p> <p>All equipment used when handling the product must be grounded.</p> <p>Remove from water surface by skimming or with suitable absorbents.</p> <p>Do not use dispersants.</p> <p>Absorb or cover with dry earth, sand or other non-combustible material and transfer to allow material to solidify, and be scraped up.</p> <p>Vacuum or sweep up material and place in a chemical waste container.</p> <p>After Removal, flush contaminated area thoroughly with water.</p> <p>Prevent flowing into drain, sewage, basement, and closed area.</p> <p>Remove thoroughly since the smooth and slippery surface will be formed on the floor.</p>		X	X	X	X	X	X	X	X	X	X	X	X	X	
	<p><b>Methods and Equipment for Containment and Cleaning up</b></p>		X	X	X	X	X	X	X	X	X	X	X	X	X
			X	X	X	X	X	X	X	X	X	X	X	X	X
	<p><b>Prevention Measures for Secondary Accidents</b></p>		X	X	X	X	X	X	X	X	X	X	X	X	X
			X	X	X	X	X	X	X	X	X	X	X	X	X

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N
	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	White	White	Gold
<p>Section 7 - HANDLING AND STORAGE-1</p> <p>Handling</p> <p>Technical Measures</p> <p>Provide ventilation system and use necessary personal protective equipment as described in "Section 6-Exposure Controls/PERSONAL PROTECTION"</p> <p>Obtain special instructions before use.</p> <p>Do not handle until all safety precautions have been read and understood.</p> <p>Prohibit use of heat, sparks, and fire in the surrounding area.</p> <p>Do not handle containers with such manners as tumbling down, falling, exposing to shock, or dragging.</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Do not contact, breathe or swallow</p> <p>Wash Hands Thoroughly after handling</p> <p>Avoid contact with skin.</p> <p>Do not breath mist, vapours and spray.</p> <p>Avoid contact with eyes.</p> <p>Use exhaust ventilation.</p> <p>Handle at a well-ventilated place.</p> <p>Protect from high temperature and direct sunlight.</p> <p>Refer to "Section 10- STABILITY AND REACTIVITY".</p> <p>Wash Hands Thoroughly after handling.</p> <p>Precautions for Safe Handling</p> <p>Prevention Handling of Incompatible Substances or Mixtures</p> <p>Specific Hygiene Measures</p>	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	X	X	X	X	X	X	X	X	X





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		1	2	3	4	5	6	7	8	9	10	11	12	13	14
		MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N
		Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold
Engineering Controls	Engineering Controls	Take Precautionary measures against static discharge.													
		Use explosion-proof electrical, ventilating and lighting equipment.													
		Install ventilation system to keep exposure to airborne contaminants below the exposure limit if vapour, fume, mist is generated in the process handling at elevated temperature.													
		Install ventilation system to keep exposure to airborne contaminants below the exposure limit if gas is generated in the process of handling at elevated temperature.													
Personal Protective Equipment	Personal Protective Equipment	Good general ventilation should be sufficient to control airborne levels.													
		Facilities storing or utilizing this product should be equipped with an eyewash facility and safety shower.													
		Use personal protective equipment as required.													
		Wear adequate protective apparatus for respiratory organs.													
Personal Protective Equipment	Respiratory Protection	Wear Protective Gloves.													
	Hand Protection	Protective Glasses, with side shields and or Goggles.													
	Eye Protection	Wear Face Protection													
	Skin and Body Protection	Use Personal protective clothing and face protection as required													

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14			
		MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N			
		Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold			
Section 9 - PHYSICAL AND CHEMICAL PROPERTIES	Appearance	Physical State	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
		Form	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
		Colour	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	X	X
	Odour	Odour	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Odour Threshold	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
		PH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Melting Point/Freezing Point	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Initial Boiling Point and Boiling Ranges	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Flash Point	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	24°C	-10.5°C
	Evaporation Rate	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Flammability (solid, gas)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Flammability/Explosive Limit (Upper Limit)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Flammability/Explosive Limit (Lower Limit)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vapour Pressure	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N
	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	White	White	Gold
Specific Gravity (Density)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Partition Coefficient : n <sup>o</sup>														
Octanol / Water														
Auto-Ignition														
Decomposition														
Temperature														
Viscosity														
Kinematic viscosity														

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
		MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N	
		Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	White	White	Gold	
Section 10 - STABILITY AND REACTIVITY	Reactivity	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Chemical stability	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Possibility of Hazardous Reaction	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Conditions to avoid	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Incompatible Substances or Mixtures	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hazardous Decomposition Products	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available	No Data available
Section 11 - TOXICOLOGICAL INFORMATION	Acute Toxicity	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Skin Corrosion/Irritation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Serious eye damage/eye irritation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Respiratory or Skin Sensitization	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Germ Cell Mutagenicity	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Carcinogenicity	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Reproductive Toxicity	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Specific target organ Toxicity (single exposure)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Specific target organ Toxicity (repeated exposure)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Aspiration Hazard	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2	No Data Other than noted in Section 2

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Section 12 - ECOLOGICAL INFORMATION	Section 13 - Disposal Considerations	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
																MMP20-A Black
Section 12 - ECOLOGICAL INFORMATION	Hazard to the aquatic environment (acute)		X	X	X	X	X	X	X	X	X	X	X	X	X	
		Hazard to the aquatic environment (long-term hazard)		X	X	X	X	X	X	X	X	X	X	X	X	X
			Hazard to the ozone layer		X	X	X	X	X	X	X	X	X	X	X	X
Section 13 - Disposal Considerations	Residual Waste	No Data beyond notation in Section 2, 6 and 13		X	X	X	X	X	X	X	X	X	X	X	X	
			No Data beyond notation in Section 2, 6 and 13		X	X	X	X	X	X	X	X	X	X	X	X
	Container	Disposal should be in accordance with applicable regulations and standards by the respective local governments. Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material. When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company. Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes into the environment. Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and standards of the local governments.		X	X	X	X	X	X	X	X	X	X	X	X	X

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-H	MMP20-I	MMP20-J	MMP20-K	MMP20-L	MMP20-M	MMP20-N
Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	White	Gold	White
X	X	X	X	X	X	X	X	X	X	X	X	X	X
1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint
3	3	3	3	3	3	3	3	3	3	3	3	3	3
III	III	III	III	III	III	III	III	III	III	III	III	III	III
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
X	X	X	X	X	X	X	X	X	X	X	X	X	X
1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint
3	3	3	3	3	3	3	3	3	3	3	3	3	3
III	III	III	III	III	III	III	III	III	III	III	III	III	III
128	128	128	128	128	128	128	128	128	128	128	128	128	128

  

	Conform to the provisions of IMO	
	Information by Sea UN No.	
	Proper Shipping Name	
	Class	
	Packing Group	
	Marine Pollutant	
	Transport in Bulk	
	Conforms to provisions of the Ship Safety Law.	
	UN NO.	
	Proper Shipping Name	
	Class	
	Packing Group	
	Emergency Response Guide Number	

  

International Regulations	
Section 14 - TRANSPORT INFORMATION	





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	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MMP20-A Black	MMP20-B Red	MMP20-C Blue	MMP20-D Green	MMP20-E Brown	MMP20-F Orange	MMP20-G Yellow	MMP20-K Light Green	MMP20-N Grey	MMP20-P Pink	MMP20-S Sky Blue	MMP20-V Violet	MMP20-W White	MMP20-X Gold
Section 15 - REGULATORY INFORMATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Section 16 - REGULATORY INFORMATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<p>Regulatory information with regard to this product in your country or region should be examined by your own responsibility.</p> <p>Note: This information is furnished without warranty express or implied. The information is believed to be accurate to the best knowledge of Pentel Co., Ltd. And Pentel of America, Ltd. We do not assume any legal responsibility for the use of or reliance of this information. This SDS is for the Chemicals used in the manufacturing process and in many cases information provided will not be relevant to the product provided to the consumer. Fire, Safety, Health and Transportation information provided is for bulk chemicals used in the manufacturing process. Consumer Goods as such, art and writing instruments must conform to CPSC guidelines in accordance with LHAMA and must be labeled properly to protect the consumer. SDS requirements are for occupational safety governed by OSHA. OSHA does not enforce sections that are not under their jurisdiction. Per the guidelines of CPSC outlined in LHAMA stipulated in ASTM D 4236 our products are evaluated by Duke University in the ACMI and WIMA programs to insure that correct labeling is present to the consumer at the purchase point.</p>														