## Safety Data Sheet (SDS)

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

## Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier OPF8-A, B, C, D, E, F, G, K, N, P, S, V, W, OPF6-Z, OPF6-X
Product Code OPF8A00002 \*\*\*

Company Name Pentel of America, Ltd.

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Recommended Use ink and Restriction on MMP20 A=Black, B=Red, C=Blue, D=Green, E=Brown, F=Orange, G=Yellow,

		and Restric Use	MMP20 A=Black, B=Red, C=Blue, D=Green, E=Brown, F=Orange, G=Yellow,	MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
			K=Light Green, N=Gray, P=Pink, S=Sky Blue, V=Violet, W=White, Z=Silver, X=Gold	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
		Physicochemical Hazards	Flammable Liquids Category 2	0	0	0	0	0	0	0	0	0	0	0	0	0	X	Х
		r nysicochemical mazarus	Flammable Liquids Category 3	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	0	0
			Acute toxicity - Oral Category 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Χ
<u> </u>			Acute toxicity - Inhalation (vapour) Category 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Χ
ATION			Skin Corrosion / Irritation Category 2	0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Χ
TIFIC,	uo		Serious Eye Damage / Eye Irritation Category 2B	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х	Х
IDENT	icati	Health Hazards	Carcinogenicity Category 2	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	0	0
DS II	assif		Specific Target Organ Toxicity (single exposure) Category 3 (Narcotic Effect, Respiratory Tract Irritatoion)	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х
HAZARDS	IS CI		Specific Target Organ Toxicity (repeated exposure) Category 1 Lung	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Х
2- HA	В		Specific Target Organ Toxicity (repeated exposure) Category 1 Liver	0	0	0	0	0	0	0	0	0	0	0	0	0	Х	0
ction 3			Specific Target Organ Toxicity (repeated exposure) Category 2 Lung	Х	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sect			Hazard to the aquatic environment (acute hazard) Category 1	0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Χ
		Environmental Honords	Hazard to the aquatic environment (acute hazard) Category 2	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	0	0
		Environmental Hazards	Hazard to the aquatic environment (long-term hazard) Category 2	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Х	Х
			Other Hazards than mentioned above are not applicable or No data available.	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ	Х	Х	Χ	Χ	Х	Χ

Note:X=Applies to Color

2

10

12

13

14

15

					1 MMP20-A	2 MMP20-B	3 MMP20-C	4 MMP20-D	5 MMP20-E	6 MMP20-F	7 MMP20-G	8 MMP20-K	9 MMP20-N	10 MMP20-P	11 MMP20-S	12 MMP20-V	13 MMP20-W	14 MMP20-X	15 MMP20-Z
					Black	Red	Blue	Green	Brown	Orange	Yellow	Light	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
					Х	Χ	Х	Х	Х	X	Х	Green	X	Х	Х	Х	Х	Х	Х
				<b>*</b>	X	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	Х	Х
			Symbols		Х	Χ	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	Х	Х
			<b>5</b> ,		X	X	X	X	X	X	X	X	X	X	X	X	X	X	0
							_					_		_		_	_		
	_				0	0	0	0	0	0	0	0	0	0	0	0	0	0	Х
		Signal Word	Signal Word "Danger"		0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Х
			Signal Word "Warning"		Χ	Χ	Х	Х	Х	X	X	Χ	Χ	X	X	X	Х	0	0
Z-Z			H302 Harmful if Swallowed		0	0	0	0	0	0	0	0	0	0	0	0	0	0	Х
CATIO			H225 Highly Flammable Liquid and Vapour		0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Х
NTIFIC	nents-1		H226 Flammable Liquid and Vapour		Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	0	0
DS IDE	Elen		H315+H320 Causes Skin and Eye Irritation		0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Х
2- HAZARDS IDENTIFICATION-2	4S Label		H320 Causes Eye Irritation		Χ	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	Х	Х
ion 2- h	H5	ž.	H330 Fatal if inhaled		0	0	0	0	0	0	0	0	0	0	0	0	0	0	Х
Section		tements	H335 May cause respiratory irritation		Х	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х
		Hazard Sta	H336 May Cause Drowsiness and Dizziness		Х	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	Х	Х
		Наzє	H351 Suspected of Causing Cancer		Х	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	О	0
			H372 Causes damage to Liver through prolonged or repeated exposure		0	0	0	0	0	0	0	0	0	0	0	0	0	Х	О
			H372 Causes damage to Lung through prolonged or repeated exposure		0	0	0	0	0	0	0	0	0	0	0	0	0	О	Х
			H373 May Cause Damage to Lung through Prolonged or Repeated Exposure		X	0	0	0	0	0	0	0	0	0	0	0	0	О	0
			H400 Very Toxic to Aquatic Life		0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Х
			H411 Toxic to Aquatic Life with Long Lasting effects		Х	Х	Х	Х	X	X	X	X	X	X	X	X	Х	Х	Х

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K Light	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
	T T			Black	Red	Blue	Green	Brown	Orange	Yellow	Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
			Obtain special instructions before use. (P201)	X	Х	X	X	Х	Х	X	Х	X	Х	X	Х	Х	Х	Х
			Do not handle until all safety precautions have been read and understood. (P202)	X	Х	X	Х	Х	Х	Х	Х	Х	X	X	Х	X	Х	Х
			Keep away from heat, sparks, open flames and hot surfaces. No Smoking. (P210)	X	X	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
		ıts	Keep Container tightly closed. (P233)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
		Statements	Ground or bond container and receiving equipment. (P240)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х
ဇု		nary St	Use explosion-proof electrical, ventilating and lighting equipment. (P241)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
HAZARDS IDENTIFICATION-3	5	cautior	Use only non-sparking tools. (P242)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х
ENTIFI	nents-(	on Pre	Take precautionary measures against static discharge. (P243)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
IDI SOS	bel Eler	reventi	Avoid breathing Gas. (P261)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
HAZAF	GHS Lak	nts / P	Avoid breathing mist, vapours and spray. (P261)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
ction 2-	9	tateme	Avoid breathing dust and fumes. (P261)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Sec		nary St	Wash Eyes thoroughly after handling. (P264)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
		scautio	Do not eat, drink or smoke when using this product. (270)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
		Pre	Use only outdoors or in a well-ventilated area. (P271)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х
			Avoid release to the environment. (P273)	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Χ	Х	Х
			Wear protective gloves, eye protection and face protection. (P280)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
			Use personal protective equipment as required. (P281)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
				Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
			IF ON SKIN or Hair: Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)	Х	X	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Х	Х	Х	Х
		γq	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. (P304+P340)	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ	Х	Х	Х
		Statements	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)	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	Х	Х
4- 4-		ary Sta	Get medical advice and attention if you feel unwell. (P314)	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х
САТІО	m	aution	If eye irritation persists: Get medical advice and attention. (P337+P313)	Х	X	X	Х	Х	X	Х	Х	Χ	Χ	Х	X	Χ	X	Х
ENTIF	nents-(	e Prec	IF Exposed or Concerned: Call a POISON CENTER /doctor/(P308+311)	Х	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SDS ID	bel Eler	Respons	IF exposed or concerned: Get medical advice and attention (P308+P313)	0	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ	Х	0	0
2- HAZARDS IDENTIFICATION	GHS Lat	œ e	If skin irritation or rash occurs, get Medical advice and attention (P333+P313)	0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Х
Section 2-	0		In case of fire: Use appropriate media for extinction. (P370+P373)	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х
Sec		nd ary its	Store in a well-ventilated place keeping container tightly closed. (P403+P233)	Х	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Χ	Χ	Х	Х	Х
		Storage and Precautionary Statements	Store in a well-ventilated place. Keep cool. (P403+P235)	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х
		Sto Prec Sta	Store locked up. (P405)	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ	Х	Х	Х
		Disposal Precautionary Statements	Dispose of contents and container in accordance with local, regional and national regulations (to be specified). (P501)	Х	Χ	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Х	Х	Х	Х

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		Chemical Name or Generic	Concentration or	Formula	ENCS No.	/ISHL No.	CAS RN	MMP20-A	MMP20-B	3 MMP20-C	4 MMP20-D	5 MMP20-E	6 MMP20-F	7 MMP20-G	8 MMP20-K	9 MMP20-N	10 MMP20-P	11 MMP20-S	MMP20-V	13 MMP20-W	14 MMP20-X	15 MMP20-Z
		Name	Its Ranges	Formula	ENCS No.	ISHL No.	CASINI	Black	Red	Blue	Green	Brown	Orange	Yellow	Light	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
		Propyleneglycol Monomethylether Acetate	63.60%		(2)-2231	Existing	108-65-6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ients		Ethylcyclohexane	15.00%	C8H16	(3)-2231	Existing	1678-91-7	X	X	X	X	X	X	X	X	X	X	X	×	X		X
Ingredients	ture	Carbon Black	4.73%		(5)-3328 (5)-5222	Existing	1333-86-4	X								X						
tion on	or Mixtuı	Nitrocellulose	5.12%		(8)-176	Existing	9004-70-0	X	X	X	X	X	X	X	X	X	X	X	X	X		
format	stance	Titanium Dioxide	31.88%	TiO2	(1)-558 (5)-5225	Existing	13463-67-7		X	X	X	X	X	X	X	X	X	X	Х	X		
tion / Ir	of Subs	C.I.Pigment Blue 15	2.70%		(5)-3299 (5)-3300 (5)-5216	Existing	147-14-8			X	X	X			X			X				
Composition / Information	stinction	Heptane	13.00%	CH3(CH2) 5CH3	(2)-7	Existing	142-82-5														X	X
မှ	Disti	Methylcyclohexane	45.00%	C7H14	(3)-2230	Existing	108-87-2														X	X
Section		Copper	25.50%	Cu	Unknown	Unknown	7740-50-8														Х	
		Tributyl Phosphate	5.00%	[CH3(CH2) 30]3 PO	(2)- 20021,(9)- 2000	Existing	126-73-8															X
		Impurities and /or Stabilizing Additives which contribute to the Chemical content		No inf	ormation availa	ble		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
								MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
								Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
res		Inhalation			Air and keep cor		-	Х	X	X	X	X	X	X	X	Х	X	X	Х	Х	X	X
d Measul		Skin Contact	Take off or disp Immediately rinse s advice and attention	kin with water n. Get Medical	. If skin Irritatio	on of rash occu		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
First Aid		Eye Contact	Rinse cautiously wit Contact Lenses, if pre Ocular stimulation la	esent and easy asts, Seek Me	y to do. Continu			Х	Х	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	X	Х	Х
ection 4-		Ingestion	Rinse M medical advice and at		feel unwell.		Get	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	X
Sec		5500011		Do No	ot Induce Vomiti	ng		X	X	X	Х	X	X	X	X	X	X	X	Х	X	X	Х

			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K Light	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
	1	T	Black	Red	Blue	Green	Brown	Orange	Yellow	Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
٥ ع	Extinguishing Media	Dry chemicals, CO2, water spray or regular foam Straight streams at base of fire.	Х	X	X	Х	Х	Χ	Х	X	X	X	X	Х	Х	Χ	Х
Section 5- FIRE FIGHTING MEASURES	Unsuitable Extinguishing Media	None noted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FIRE	Specific Hazards	Container's may explode when heated	X	Х	X	Х	Х	Χ	Χ	X	Х	X	Х	Х	Х	Χ	Х
ction 5	Specific Hazardo	Highly Flammagle;will easily be ignited by heat, sparks or Flames	Х	X	Х	Х	Х	Χ	Χ	X	Х	Х	Х	Х	Χ	Χ	Х
Š	Protection of Fire Fighter	In fire fighting, wear respiratory protection and chemical protective clothing.	Х	Х	Х	Х	Χ	Χ	Χ	X	X	X	Х	Х	Χ	Χ	Х
_		Isolate the site as a leak area by providing a zone that has appropriate width to all directions.	X	X	X	Х	X	Χ	Χ	X	Х	X	Х	Х	Х	Χ	Х
URES-		Keep Unauthorized Personnel away.	X	X	Х	Х	Х	Χ	Χ	X	Х	X	Х	X	Х	Χ	X
MEAS	Personal Precautions, Protective Equipment and Emergency	Stay Upwind	X	X	Х	Х	Х	Χ	Χ	X	Х	X	Х	X	Х	Χ	X
ACCIDENTAL RELEASE MEASURES-	Procedures	Wear appropriate personal protective equipment (Refer to "Section 8-EXPOSURE CONTROLS/PERSONAL PROTECTION")	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Χ	Χ	Х
ral re		Avoid Inhalation or contact with Eyes and Skin.	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Χ	Χ	Х
CIDEN		Keep out of Low Areas.	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Χ	Χ	Х
- 9		Do not release into the environment.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х
Section	Environmental	Stop Leak if you can do so without risk.	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Х	Χ	Х
S		Pay attention not to cause the influence on the environment by discharging into rivers or waterways.	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Χ	Х

			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K Light	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
			Black	Red	Blue	Green	Brown	Orange	Yellow	Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
2		This product is water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.	X	X	X	Χ	Χ	X	X	Χ	Χ	X	Х	Χ	X	Χ	Х
URES-		All equipment used when handling the product must be grounded	X	Χ	X	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Χ	Χ	Χ	Х
EMEASUR		Remove from water surface by skimming or with suitable absorbents.	X	Χ	Х	Χ	Χ	Χ	Х	Χ	Χ	Х	Х	Χ	Χ	Χ	Х
ELEASE	Methods and Equipment for Containment and Cleaning up	Do not use dispersants.	X	Χ	Х	Χ	Χ	Χ	Х	Χ	Χ	Х	Х	Χ	Χ	Χ	Х
<b>~</b>		Absorb or cover with dry earth, sand or other non-combustible material and transfer to allow material to solidify, and be scraped up.	X	Χ	X	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	X	Х
CIDENTAL		Vacuum or sweep up material and place in a chemical waste container.	X	Χ	X	X	X	Χ	Х	X	Χ	Х	Х	Χ	Χ	X	Х
6 - AC		After Removal, flush contaminated area thoroughly with water.	X	Χ	X	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	Х	Х
ection	Prevention Measures for	Prevent flowing into drain, sewage, basement, and closed area.	Х	X	Х	Χ	Χ	Χ	Χ	Χ	X	Х	Х	Χ	Χ	Χ	Х
Ś	Secondary Accidents	Remove thoroughly since the smooth and slippery surface will be formed on the floor.	Х	Χ	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	Х	Х

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K <b>Light</b>	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
	Π	1	T	Black	Red	Blue	Green	Brown	Orange	Yellow	Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
		Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 -Exposure Controls / PERSONAL PROTECTION"	Х	Х	X	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	Х	Х
			Obtain special instructions before use.	Х	X	X	Х	Х	Х	Х	Х	Х	X	Х	Χ	Х	Х	Х
			Do not handle until all safety precautions have been read and understood.	Х	X	X	Χ	Х	X	X	Х	Χ	Х	X	Χ	Х	Х	X
			Prohibit use of heat, sparks, and fire in the surrounding area.	Х	Х	X	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Х
			Do not handle containers with such manners as tumbling down, falling, exposing to shock, or dragging.	Х	X	X	Х	Χ	Х	Х	Χ	Χ	X	Х	Χ	Х	Х	Х
AGE-1			Do not eat, drink or smoke when using this product.	Х	X	X	Х	Х	X	X	Χ	Χ	Х	X	Χ	Х	Х	X
STORAGE			Do not contact, breathe or swallow	Х	X	X	Х	Х	X	X	Χ	Χ	Х	X	Χ	Х	Х	X
NG ANE	Handling	Precautions for Safe Handling	Wash Hands Thoroughly after handling.	Х	X	X	Х	Х	X	X	Χ	Χ	Х	X	Χ	Х	Х	X
HANDLING AND	Нап		Avoid contact with skin.	Х	X	Х	Х	Х	Х	X	Х	Χ	Х	Х	Χ	Х	Х	Х
7 -			Do not breath mist, vapours and spray.	Х	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Х
Section			Avoid contact with eyes.	Х	Х	X	Х	Χ	Х	Х	Χ	Χ	Х	Х	Χ	Х	Х	Х
			Use exhaust ventilation.	Х	X	X	Х	Χ	Х	Х	Χ	Χ	X	Х	Χ	Х	Х	Х
			Handle at a well-ventilated place.	Х	X	X	Х	Х	X	Х	Х	Χ	Х	Х	Χ	Х	Х	Х
			Protect from high temperature and direct sunlight.	Х	X	X	Χ	Χ	X	Х	Χ	Χ	Х	Х	Χ	X	Х	X
		Prevention Handling of Incompatible Substances or mixtures	Refer to "Section 10 - STABILITY AND REACTIVITY".	Х	X	Х	Х	Χ	X	X	Χ	Χ	Х	Х	Χ	Х	Х	X
		Specific Hygiene Measures	Wash Hands Thoroughly after handling.	Х	Х	X	Х	Χ	Х	Х	Χ	Χ	Х	Х	Χ	Х	Х	Х

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
				Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
			The Storage facility should be designed with Fire-Proof construction and beams should use a non-combustible material.	Х	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х
			The roof of a storage facility should be made of a non-combustible material and use metals or lightweight non-combustible materials. No ceiling should be installed.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х
			The storage floor should be protected from water penetration, or should have water-proof construction.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Х
E-2	ω		The storage floor should have penetration-proof construction against dangerous goods and be inclined adequately. A proper sump should be provided to catch any spills.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Х
STORAGE-2	ement		The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods.	X	Х	X	Х	Х	X	Х	Х	X	Х	X	Χ	Χ	Х	Х
AND ST	ry State	Technical Measures	Refer to "Section 10 - STABILITY AND REACTIVITY".	X	X	X	Х	Х	X	Х	Х	X	Х	Х	Χ	Χ	Х	Х
HANDLING /	autiona	recimical Measures	Keep away fro heat, sparks, open flames and hot surfaces.	Х	X	X	X	Х	Х	X	Х	Х	X	X	Χ	Χ	Χ	Х
- HANG	e Prece		No smoking in area.	Х	Х	X	Х	Х	X	X	X	X	Χ	Χ	Χ	Χ	Χ	Х
Section 7	Storage		Store away from Oxidants.	Х	Х	X	Х	Χ	X	X	X	X	Х	Χ	Χ	Χ	Χ	X
Sec			Have containers kept away from direct sunlight and heat sources.	Х	Х	X	Х	Х	X	X	X	X	Χ	Χ	Χ	Χ	Χ	Х
			Store in a well-ventilated and cool place keeping containers tightly closed.	Х	Х	X	Х	Х	Х	Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Х
			Store Locked up.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
		Material Used in Packaging / Container	Use containers prescribed in the "Fire Service Law (Japan)" and the "UN Transport Regulations"	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х

				1 MMP20-A	2 MMP20-B	3 MMP20-C	4 MMP20-D	5 MMP20-E	6 MMP20-F	7 MMP20-G	8 MMP20-K	9 MMP20-N	10 MMP20-P	11 MMP20-S	12 MMP20-V	13 MMP20-W	14 MMP20-X	15 MMP20-Z
				Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
			Take Precautionary measures against static discharge.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
NOI	s <sub>l</sub> o.		Use explosion-proof electrical, ventilating and lighting equipment.	Х	Х	Х	Х	Х	Χ	Х	Χ	Х	Х	Х	Χ	Х	Х	Х
PROTECTION	ng Contr		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.	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х
	ngineerin	Engineering Controls	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.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х
PERSONAL	Eng		Good general ventilation should be sufficient to control airborne levels.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х
-			Facilities storing or utilizing this product should be equipped with an eyewash facility and safety shower.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х
CONTROLS	ent		Use personal protective equipment as required.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	uipm	Respiratory Protection	Wear adequate protective apparatus for respiratory organs.	0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Х
EXPOSURE	ctive Eq	Hand Protection	Wear Protective Gloves.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
ction 8 - E	Prote	Eye Protection	Protective Glasses, with side shields and or Goggles.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Secti	rsonal		Wear Face Protection	Х	Х	Х	Х	Х	Χ	Х	Χ	Х	Х	Х	Χ	Х	Χ	Х
	Per	Skin and Body Protection	Use Personal protective clothing and face protection as required	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Χ	Х

					2	3	4	5	6	7	Ι .	9	1 40	1 44	12	13	14	15
				1 MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	8 MMP20-K	MMP20-N	10 MMP20-P	11 MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
				Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
	eo	Physical State	Liquid	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Χ	Χ	Х	Х
	Appearanc	Form	Liquid	X	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	X	X	Х	Х
	Ap	Colour	As noted	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
ES	Odour	Odour	Characteristic	X	X	Х	Х	X	Χ	Χ	X	X	X	X	Х	Х	0	0
PHYSICAL AND CHEMICAL PROPERTIES	Ρ̈́O	Cada	Aromatic	0	0	0	0	0	0	0	0	0	0	0	0	0	Х	Х
AL PRO		Odour Threshold	No Data available	X	X	Х	Х	X	Χ	Χ	X	X	X	Х	Х	Х	Х	Х
1EMIC,		РН	No Data available	X	X	X	Х	X	Х	Х	X	X	X	Х	Х	Х	Х	Х
AND CF		Melting Point/Freezing Point	No Data available	X	X	X	Х	Х	Х	Χ	X	X	X	Х	Χ	Χ	Х	Х
SICAL /		Initial Boiling Point and Boiling Ranges	No Data available	X	X	X	Х	X	Χ	Χ	X	X	X	X	Χ	Χ	Х	Х
1		Flash Point	As noted (Tag Closed Cup)	24°C	24ºC	24ºC	24°C	24ºC	24ºC	24ºC	24ºC	24ºC	24ºC	24°C	24ºC	24ºC	-10.5°C	-4.5°C
Section 9		Evaporation Rate	No Data available	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Se		Flammability (solid, gas)	No Data available	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
		Flammability /Explosive Limit (Upper Limit)	No Data available	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Χ	Χ	Х	Х
		Flammability /Explosive Limit (Lower Limit)	No Data available	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Χ	Χ	Х	Х
		Vapour Pressure	No Data available	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х

				1 MMP20-A	2 MMP20-B	3 MMP20-C	4 MMP20-D	5 MMP20-E	6 MMP20-F	7 MMP20-G	8 MMP20-K	9 MMP20-N	10 MMP20-P	11 MMP20-S	12 MMP20-V	13 MMP20-W	14 MMP20-X	15 MMP20-Z
				Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
RTIES	Specific Gravity (D	ensity)	6.367 (Calculated Average)	Х	Χ	Х	Х	Х	Χ	Χ	Χ	Х	Х	Х	Χ	Х	Χ	Х
PROPERT	Partition Coefficie	nt : n-	No Data available	Χ	Χ	Х	Х	Х	Χ	Χ	Χ	Х	Х	Х	Χ	Х	Χ	Х
	Octanol / Wat	er	No Data available	Χ	Χ	Х	Х	Х	Χ	Χ	Χ	Х	Х	Х	Χ	Х	Χ	Х
CHEMICAL	Auto-Ignition	1	No Data available	Χ	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Χ	Х
AL AND	Decomposition	on	No Data available	Χ	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Χ	Х
PHYSICAL	Temperature	9	No Data available	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Χ	Х
-6 ر	Viscosity		No Data available	Χ	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Χ	Х
Section	Kinematic visco	sity	No Data available	Χ	Χ	Х	Х	Х	Χ	X	Χ	Χ	Х	Х	Χ	Х	Χ	X

				T	1	T	T	1	1	ı			1	T	1	1	
			1 MMP20-A	2 MMP20-B	MMP20-C	4 MMP20-D	5 MMP20-E	6 MMP20-F	7 MMP20-G	8 MMP20-K	9 MMP20-N	10 MMP20-P	11 MMP20-S	12 MMP20-V	13 MMP20-W	14 MMP20-X	15 MMP20-Z
			Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
	Reactivity	No Data available	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	Х
Y AND	Chemical stability	No Data available	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Section 10 - STABILITY REACTIVITY	Possibility of Hazardous Reaction	No Data available	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
10 - ST REACT	Conditions to avoid	No Data available	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
ection	Incompatible Substances or Mixtures	No Data available	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
o	Hazardous Decomposition Products	No Data available	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K <b>Light</b>	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
			Black	Red	Blue	Green	Brown	Orange	Yellow	Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
	Acute Toxicity	No Data Other than noted in Section 2	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	Х
Z	Skin Corrosion/Irritation	No Data Other than noted in Section 2	X	X	X	Х	Х	Х	Х	Х	Х	X	X	Х	Х	Х	Х
RMATIC	Serious eye damage/eye irritation	No Data Other than noted in Section 2	X	Х	X	Х	Χ	Χ	Х	Х	Х	X	Х	Χ	Х	Χ	Х
OLOGICAL INFORMATION	Respiratory or Skin Sensitization	No Data Other than noted in Section 2	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
GICAL	Germ Cell Mutagenicity	No Data Other than noted in Section 2	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	Carcinogenicity	No Data Other than noted in Section 2	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
1 - TOXIC	Reproductive Toxicity	No Data Other than noted in Section 2	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Χ	Х	Χ	Х
Section 1	Specific target organ Toxicity (single exposure)	No Data Other than noted in Section 2	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Χ	Х	Χ	Х
Š	Specific target organ Toxicity (repeated exposure)	No Data Other than noted in Section 2	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Χ	Х	Χ	Х
	Aspiration Hazard	No Data Other than noted in Section 2	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
				Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
Section 12 - ECOLOGICAL INFORMATION		Hazard to the aquatic environment (acute)	No Data beyond notation in Section 2 , 6 and 13	Х	X	Х	Х	X	Х	Х	Χ	Χ	Х	X	Χ	Х	Χ	X
		Hazard to the aquatic environment (long-term hazard)	No Data beyond notation in Section 2 , 6 and 13	Х	Х	X	Х	Χ	Χ	Χ	Χ	Χ	X	Χ	Χ	Χ	Χ	Х
Se ECC INF(		Hazard to the ozone layer	No data available	Х	Х	X	Х	Χ	Χ	Χ	Χ	Χ	X	Χ	Χ	Χ	Χ	Х
		Residual Waste	Disposal should be in accordance with applicable regulations and standards by the respective local governments.	Х	Х	X	Х	Χ	Χ	Χ	Χ	Χ	X	Χ	Χ	Χ	Χ	Х
Disposal ations	al Waste		Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material.	Х	Х	X	Х	Χ	Χ	Χ	Χ	Χ	X	Χ	Χ	Χ	Χ	Х
	Residua		When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company.	Х	Х	Х	Х	Х	Χ	Χ	Χ	Х	Х	Х	Χ	Х	Χ	X
Section 13 - Consider			Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation.	Х	Х	Х	Х	Χ	Χ	X	X	Χ	Х	Χ	Χ	Χ	Χ	Х
Š	Container	Contaminated Container and Packaging	Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and standards of the local governments.	Х	Х	Х	Х	Х	X	X	X	Х	Х	Х	Х	Х	Х	Х

					1 -	1 -			1 .									
				1 MMP20-A	2 MMP20-B	3 MMP20-C	4 MMP20-D	5 MMP20-E	6 MMP20-F	7 MMP20-G	8 MMP20-K	9 MMP20-N	10 MMP20-P	11 MMP20-S	12 MMP20-V	13 MMP20-W	14 MMP20-X	15 MMP20-Z
				Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
			Conform to the provisions of IMO	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Χ	Х
			Information by Sea UN No.	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
			Proper Shipping Name	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint							
N O	ons	Regulatory	Class	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TRANSPORT INFORMATION	su		Packing Group	III	III	III	III	III	III	II	II							
	egulations		Marine Pollutant	NA	NA	NA	NA	NA	NA	NA	NA							
VSPOR	₩.		Transport In Bulk	NA	NA	NA	NA	NA	NA	NA	NA							
1	International	according to MARPOL 73/78, Annex II, and IBC code Regulatory	Conforms to provisions of the Ship Safety Law.	Х	Х	Х	Х	Χ	Х	Х	Χ	Χ	Χ	X	Χ	Χ	Χ	Х
Section 14	<u>=</u>	according to MARPOL 73/78, Annex II, and IBC code Regulatory	UN NO.	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
Sec		Information By Air	Proper Shipping Name	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint							
		illiormation by All	Class	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			Packing Group	III	=	III	III	III	Ш	=	II							
		Emergency Response Guide Number	Emergency Response Guide Number	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G	MMP20-K	MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
				Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
		Regulatory	Not Applicable	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	Х
		Regulatory Information by Road or Rail	Conforms to the provisions of the Ship Safety Law.	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х
Section 14 - TRANSPORT INFORMATION			UN No.	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
			Proper Shipping Name	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint							
			Class	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Japan		Packing Group	III	III	III	III	III	III	II	II							
PORTI	.⊑		Marine Pollutant	NA	NA	NA	NA	NA	NA	NA	NA							
RANSI	egulations		Transport In Bulk	NA	NA	NA	NA	NA	NA	NA	NA							
n 14 - T	Rec		Conforms to provisions of the Ship Safety Law.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Section			UN NO.	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263	1263
		Information By Air	Proper Shipping Name	Paint	Paint	Paint	Paint	Paint	Paint	Paint	Paint							
			Class	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			Packing Group	III	III	III	III	III	III	II	II							
		Emergency Response Guide Number	Emergency Response Guide Number	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	MMP20-A	MMP20-B	MMP20-C	MMP20-D	MMP20-E	MMP20-F	MMP20-G		MMP20-N	MMP20-P	MMP20-S	MMP20-V	MMP20-W	MMP20-X	MMP20-Z
	Black	Red	Blue	Green	Brown	Orange	Yellow	Light Green	Gray	Pink	Sky Blue	Violet	White	Gold	Silver
legulatory information with regard to this product in your country or region should be examined by your own responsibility.	Х	X	Х	Χ	X	X	Χ	Χ	X	X	Х	Х	X	X	Х
ote: This information is furnished without warranty express or applied. The information is believed to be accurate to the best nowledge of Pentel Co., Ltd. And Pentel of America, Ltd. We not assume any legal responsibility for the use of or reliance of this information. This SDS is for the Chemicals used in the anufacturing process and in many cases information provided will not be relevant to the product provided to the consumer. The 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 equirements 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 inpulated in ASTMD 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.	X	X	X	Х	Х	X	Х	X	Х	X	X	X	Х	Х	X
ot property of the control of the co	te: This information is furnished without warranty express or plied. The information is believed to be accurate to the best owledge of Pentel Co., Ltd. And Pentel of America, Ltd. We not assume any legal responsibility for the use of or reliance this information. This SDS is for the Chemicals used in the nufacturing process and in many cases information provided II not be relevant to the product provided to the consumer. e, 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 quirements are for occupational safety governed by OSHA. OSHA does not enforce sections that are not under their urisdiction. 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SDS consumer Goods as such, art and writing instruments must be labeled properly to protect the consumer. SDS quirements are for occupational safety governed by OSHA. OSHA does not enforce sections that are not under their urisdiction. Per the guidelines of CPSC outlined in LHAMA pollated in ASTMD 4236 our products are evaluated by Duke University in the ACMI and WIMA programs to insure that orrect labeling is present to the consumer at the purchase	egulatory information with regard to this product n your country or region should be examined by your own responsibility.  Ite: This information is furnished without warranty express or plied. The information is believed to be accurate to the best owledge of Pentel Co., Ltd. And Pentel of America, Ltd. We not assume any legal responsibility for the use of or reliance this information. 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X X X X X X X X X X X X X X X X X X X	Black Red Blue Green Brown Orange Yellow Light Green Gray Plink Sky Blue Violet egulatory information with regard to this product in your country or region should be examined by your own responsibility.  X X X X X X X X X X X X X X X X X X X	Black Red Blue Green Brown Orange Yellow Light Green Gray Pink Sky Blue Violet White egulatory information with regard to this product in your country or region should be examined by your own responsibility.  It is: This information is furnished without warranty express or plied. The information is believed to be accurate to the best owledge of Pentel Co., Ltd. And Pentel of America, Ltd. We not assume any legal responsibility for the use of or reliance this information. 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