



JPMA List of Registered Organotin-free Anti-fouling Systems

Name of Manufacturer: KOBE PAINTS, LTD.

Aza Hyakuchobu, Rokubuichi, Imai-cho Kako-gun, HYOGO

*Continuation process must be taken every 3 years for each system.

*Registered Systems Listed in alphabetical Order.

52 products registered as of 2017/08/25

Reg.No.	Name of anti-fouling system	Colour(s)	Type of anti-fouling system	CAS No.	Chemical name (IUPAC)	Dates of:	Registration Expiry	Manufactured in
01333	AQUA ACE 3000	Red, Blue, White, Black	Organotin-free self polishing type	13463-41-7 64359-81-5 971-66-4	Zinc-2-pyridinethiol-1-oxide 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one Pyridine-triphenylborane		2009/04/03 2018/12/17	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01331	CLEAN A/F 1000	Brown, Red	Organotin-free conventional type	1317-39-1	Cuprous oxide		2009/04/03 2018/06/18	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01542	CLEAN A/F 700	Red Brown	Organotin-free conventional type	1317-39-1	Cuprous oxide		2012/12/10 2018/12/17	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01503	KP ACE A/F ST 20	Light Brown, Brown, Black	Organotin-free self polishing type	1317-39-1 64359-81-5	Cuprous oxide 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2011/10/14 2019/04/22	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01334	NEW CHAMPION	Red, Blue, White, Black	Organotin-free self polishing type	13463-41-7 64359-81-5 971-66-4	Zinc-2-pyridinethiol-1-oxide 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one Pyridine-triphenylborane		2009/04/03 2018/12/17	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01332	NEW PLACOAT	Red, Blue, Brown	Organotin-free conventional type	1317-39-1	Cuprous oxide		2009/04/03 2018/06/18	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01335	OCEAN DYNA K-LINE GREY APPROXIMATE COLOR	Grey	Organotin-free self polishing type	971-66-4	Pyridine-triphenylborane		2009/04/03 2018/06/18	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01569	OCEAN PREMIER 1000	Light Red, Red, Blue	Organotin-free self polishing type	122454-29-9 13463-41-7	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile Zinc-2-pyridinethiol-1-oxide		2013/08/22 2019/08/26	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01468	OCEAN PREMIER 200	Light Red, Red	Organotin-free self polishing type	1317-39-1 14915-37-8 28159-98-0	Cuprous oxide Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)- 2-methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine		2010/08/06 2019/08/26	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01469	OCEAN PREMIER 400	Light Red, Red	Organotin-free self polishing type	731-27-1 971-66-4	Methanesulfenamide, 1,1-dichloro-N-((dimethylamino)sulfonyl)-1-fluoro-N-(4-methylphenyl) Pyridine-triphenylborane		2010/08/06 2019/08/26	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>
01613	OCEAN PREMIER 400 KAI	Light Red, Red	Organotin-free self polishing type	13463-41-7 971-66-4	Zinc-2-pyridinethiol-1-oxide Pyridine-triphenylborane		2015/06/19 2018/06/18	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>

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01470	OCEAN PREMIER 400H	Light Red, Red	Organotin-free self polishing type	731-27-1	Methanesulfenamide, 1,1-dichloro-N-((dimethylamino) sulfonyl)-1-fluoro-N-(4-methylphenyl)	2010/08/06 2019/08/26	Japan <input checked="" type="checkbox"/>	
				971-66-4	Pyridine-triphenylborane		Others <input type="checkbox"/>	
01471	OCEAN PREMIER 400H	Blue	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide	2010/08/06 2019/08/26	Japan <input checked="" type="checkbox"/>	
				971-66-4	Pyridine-triphenylborane		Others <input type="checkbox"/>	
01615	OCEAN PREMIER 400H KAI	Light Red, Red	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide	2015/06/19 2018/06/18	Japan <input type="checkbox"/>	
				971-66-4	Pyridine-triphenylborane		Others <input type="checkbox"/>	
01472	OCEAN PREMIER 450	Light Red, Red	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide	2010/08/06 2019/08/26	Japan <input checked="" type="checkbox"/>	
				971-66-4	Pyridine-triphenylborane		Others <input type="checkbox"/>	
01473	OCEAN PREMIER 800	Purple, Light Red, Red, Light Red N, Red N, Blue	Organotin-free self polishing type	1317-39-1	Cuprous oxide	2010/08/06 2018/12/17	Japan <input checked="" type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others <input type="checkbox"/>	
01637	OCEAN PREMIER 800 Z	Purple, Light Red, Red, Light Red N, Red N, Blue, Light Red H, Red H, Blue H	Organotin-free self polishing type	1317-39-1	Cuprous oxide	2016/04/22 2020/06/15	Japan <input checked="" type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others <input type="checkbox"/>	
01474	OCEAN PREMIER 850	Light Red, Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide	2010/08/06 2019/08/26	Japan <input checked="" type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others <input type="checkbox"/>	
01540	OCEAN-DYNA	White	Organotin-free self polishing type	971-66-4	Pyridine-triphenylborane	2012/12/10 2018/12/17	Japan <input checked="" type="checkbox"/> Others <input type="checkbox"/>	
01467	OCEAN-DYNA NEO	Light Red, Red, Light Red N, Red N	Organotin-free self polishing type	1317-39-1	Cuprous oxide	2010/08/06 2020/04/13	Japan <input checked="" type="checkbox"/>	
				28159-98-0	2-methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine		Others <input type="checkbox"/>	
01649	OCEAN-DYNA NEO	Light Red N2, Red N2	Organotin-free self polishing type	1317-39-1	Cuprous oxide	2016/12/07 2019/12/07	Japan <input checked="" type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others <input type="checkbox"/>	
01621	OCEAN-DYNA NEO 500 Z	Light Red, Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide	2015/08/21 2018/08/20	Japan <input checked="" type="checkbox"/>	
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		Others <input type="checkbox"/>	
01647	OCEAN-DYNA NEO CF Z	Light Red, Red	Organotin-free self polishing type	122454-29-9	4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	2016/08/26 2019/08/26	Japan <input checked="" type="checkbox"/>	
				13463-41-7	Zinc-2-pyridinethiol-1-oxide		Others <input type="checkbox"/>	

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01502	OCEAN-DYNA NEO FLAT	Light Red, Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2011/10/14	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2017/10/28	Others <input type="checkbox"/>
01601	OCEAN-DYNA NEO FLAT Z	Light Red, Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2015/02/20	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2018/02/19	Others <input type="checkbox"/>
01539	OCEAN-DYNA NEO SL	Light Brown, Brown, Light Brown H, Brown H	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2012/12/10	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2020/06/15	Others <input type="checkbox"/>
01599	OCEAN-DYNA NEO SL Z	Light Brown, Brown, Light Brown H, Brown H	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2015/02/20	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2020/06/15	Others <input type="checkbox"/>
01583	OCEAN-DYNA NEO Z	Light Red N, Red N	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2014/04/11	Japan <input checked="" type="checkbox"/>
				28159-98-0	2-methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine		2020/04/13	Others <input type="checkbox"/>
01650	OCEAN-DYNA NEO Z	Light Red N2, Red N2	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2016/12/07	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2019/12/07	Others <input type="checkbox"/>
01566	OCEAN-DYNA NEO-S	Light Red, Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2013/08/22	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2019/08/26	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01602	OCEAN-DYNA NEO-S Z	Light Red, Red, Red N, Brown	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2015/02/20	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2018/02/19	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01461	OYASHIO	Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2010/06/04	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2019/04/22	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01459	SOKOPEN	Red, Blue	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2010/06/04	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2019/04/22	Others <input type="checkbox"/>
00197	SUPER A/F 1000	Purple, Red, Light Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2004/06/21	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2019/04/22	Others <input type="checkbox"/>
01490	SUPER A/F 1000L	Light Brown, Brown, Dark Brown, Light Brown H, Brown H	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2011/06/03	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2020/06/15	Others <input type="checkbox"/>

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01072	SUPER A/F 20	Blue	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2005/11/24	Japan <input checked="" type="checkbox"/>
				971-66-4	Pyridine-triphenylborane		2017/10/28	Others <input type="checkbox"/>
01337	SUPER A/F 200 R	Red, Light Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2009/04/03	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2018/06/18	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01075	SUPER A/F 2000	Light Red, Dark Red, Red, Blue, Black	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2005/11/24	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2018/12/17	Others <input type="checkbox"/>
01638	SUPER A/F 2000 A	Purple, Light Red, Red, Light Red N, Red N, Blue, Black (1st coat), Black (2nd coat), Light Red H, Red H, Blue H	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2016/04/22	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2020/06/15	Others <input type="checkbox"/>
01340	SUPER A/F 2000 S	Red, Light Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2009/04/03	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2018/06/18	Others <input type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one			
01504	SUPER A/F 220HS	Light Brown, Brown, Brown S, Light Brown S	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2011/10/14	Japan <input checked="" type="checkbox"/>
00194	SUPER A/F 500	Purple, Light Red, Red	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2004/06/21	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2019/04/22	Others <input type="checkbox"/>
01452	SUPER A/F 500 HS	Purple, Light Red, Red, Light Red N, Red N	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2010/08/06	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2017/10/28	Others <input type="checkbox"/>
01339	SUPER A/F 500 M	Purple, Red, Light Red, Light Red N, Red N	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2009/04/03	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2017/08/21	Others <input type="checkbox"/>
01453	SUPER A/F 500 M HS	Light Red, Red, Light Red N, Red N	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2010/08/06	Japan <input checked="" type="checkbox"/>
				14915-37-8	Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-		2017/08/21	Others <input type="checkbox"/>
01439	SUPER A/F 660 HS	Brown, Light Brown	Organotin-free self polishing type	1317-39-1	Cuprous oxide		2009/11/20	Japan <input checked="" type="checkbox"/>
				64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one		2018/12/17	Others <input type="checkbox"/>

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01290	SUPER A/F CF SUPER	Red, Light Red	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2008/05/28	Japan <input checked="" type="checkbox"/>
				971-66-4	Pyridine-triphenylborane		2020/06/15	Others <input type="checkbox"/>
01341	SUPER A/F CF SUPER NDF	Red	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2009/04/03	Japan <input checked="" type="checkbox"/>
				971-66-4	Pyridine-triphenylborane		2020/06/15	Others <input type="checkbox"/>
01263	SUPER A/F CF-10	Purple, Red, Light Red	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2008/03/18	Japan <input checked="" type="checkbox"/>
				971-66-4	Pyridine-triphenylborane		2020/06/15	Others <input type="checkbox"/>
01289	SUPER A/F CF-10A	Red, Light Red	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2008/05/28	Japan <input checked="" type="checkbox"/>
				971-66-4	Pyridine-triphenylborane		2020/06/15	Others <input type="checkbox"/>
01264	SUPER A/F CF-10L	Purple, Red, Light Red	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2008/03/18	Japan <input checked="" type="checkbox"/>
				971-66-4	Pyridine-triphenylborane		2018/12/17	Others <input type="checkbox"/>
01435	SUPER A/F CF-10LA	Light Red, Red	Organotin-free self polishing type	13463-41-7	Zinc-2-pyridinethiol-1-oxide		2009/11/20	Japan <input checked="" type="checkbox"/>
				971-66-4	Pyridine-triphenylborane		2018/12/17	Others <input type="checkbox"/>

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