Name of Manufacturer: NIPPON PAINT MARINE COATINGS CO., LTD.

2-1-2 Oyodo-kita, Kita-ku, Osaka-shi, OSAKA

\*Continuation process must be taken every 3 years for each system. \*Registered Sytems Listed in alphabetical Order.

66 products registered as of 2025/04/18

| Reg.No. Name of anti-fouling system | Colour(s)  | Гуре of anti-fouling system | CAS No.                   | Chemical name (IUPAC) Dates of   | : Registration<br>Expiry | Manufactured in     |
|-------------------------------------|--|-----------------------------|---------------------------|--|--------------------------|---------------------|
| 01605 A-LF-Sea 100 HS               | Brown R, Light<br>Brown R, Blue R  | Self polishing type         | 122454-29-9               | 4–Bromo–2–(4–chlorophenyl)–5–(trifluoromethyl)–1H–<br>pyrrole–3–carbonitrile                                 | 2015/04/17<br>2027/02/15 | Japan ⊻<br>Others □ |
|                                     |  |                             | 13463-41-7                | Zinc-2-pyridinethiol-1-oxide   |                          |                     |
| 01820 A-LF-Sea 100 HS               | Oriental Blue,<br>Carmine Red  | Self polishing type         | 64359-81-5                | 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one  | 2022/04/18<br>2028/04/17 | Japan ⊻<br>Others □ |
| 01532 A-LF-Sea 150                  | Red Brown, Brown,<br>Light Brown, Brown<br>SK, Light Brown SK,<br>Brown EK, Light<br>Brown EK, Deep<br>Red, Purple | Self polishing type         | 1317-39-1<br>14915-37-8   | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2012/10/12<br>2025/10/20 | Japan ⊻<br>Others ⊻ |
| 01533 A-LF-Sea 250                  | Red Brown, Brown,<br>Light Brown, Brown<br>SK, Light Brown SK,<br>Brown EK, Light<br>Brown EK                      | Self polishing type         | 1317-39-1<br>14915-37-8   | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2012/10/12<br>2025/10/20 | Japan ⊻<br>Others ⊻ |
| 01606 A-LF-Sea 300 HS               | Blue R, Brown R,<br>Light Brown R,<br>Brown E, Light Brow<br>E, Red IM, Maroon Z                                   |                             | 122454-29-9<br>13463-41-7 | 4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-<br>pyrrole-3-carbonitrile<br>Zinc-2-pyridinethiol-1-oxide | 2015/04/17<br>2025/10/20 | Japan ⊻<br>Others □ |
| 01731 A-LF-Sea 300 HS               | Oriental Blue,<br>Carmine Red  | Self polishing type         | 64359-81-5                | 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one  | 2019/12/17<br>2026/06/15 | Japan ⊻<br>Others □ |
| 01553 A-LF-Sea 400                  | Brown, Red Brown,<br>Light Brown   | Self polishing type         | 1317-39-1<br>14915-37-8   | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2013/04/12<br>2027/10/18 | Japan ⊻<br>Others ⊻ |
| 01534 A-LF-Sea 600                  | Brown, Red Brown,<br>Light Brown, Blue,<br>Brown E, Light Brow<br>E, Brown EK, Light<br>Brown EK                   | Self polishing type         | 1317-39-1<br>14915-37-8   | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2012/10/12<br>2027/06/21 | Japan ⊻<br>Others ⊻ |

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\*Product name case is typed as on the application form.

This list was updated as of 2025/04/18

Name of Manufacturer: NIPPON PAINT MARINE COATINGS CO., LTD.

\*Continuation process must be taken every 3 years for each system. \*Registered Sytems Listed in alphabetical Order.

| Reg.No.                    | Name of anti-fouling system                                   | Colour(s) Ty                           | pe of anti-fouling system           | CAS No.  | Chemical name (IUPAC) D                          | ates of:   | Registration<br>Expiry | Manufa<br>ir |              |
|----------------------------|---|--|-------------------------------------|--|--|------------|------------------------|--------------|--------------|
| 01648 A                    | -LF-Sea 600   | Cocoa Brown, Dark                      | Self polishing type                 | 1317-39-1  | Cuprous oxide                                    |            | 2016/10/14             | Japan        |              |
|                            | Brown   |  | 14915-37-8                          | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S | )—   | 2027/02/15 | Others                 | $\checkmark$ |              |
|                            |   |  |                                     | 64359-81-5                                       | 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one      |            |                        |              |              |
| 01797 A-LF-Sea 600 Premium | Brown 1, Brown 2,   | Self polishing type                    | 1317-39-1                           | Cuprous oxide                                    |  | 2021/10/15 |                        |              |              |
|                            |   | Brown 3, Light Brown 1, Light Brown 2, |                                     | 14915-37-8                                       | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S | )—         | 2026/12/14             | Others       |              |
|                            | Light Brown 3, Dark<br>Brown 1, Dark Brown<br>2, Dark Brown 3 |  |                                     |  |  |            |                        |              |              |
| 01852 A                    | -LF-Sea 600 Premium L   | Brown1, Dark Brown1                    | Self polishing type                 | 1317-39-1  | Cuprous oxide                                    |            | 2024/08/23             |              |              |
|                            |   |  |                                     | 14915-37-8                                       | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S | )-         | 2027/08/23             |              |              |
|                            |   |  |                                     | 86347-14-0                                       | 4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole     |            |                        |              |              |
| 01653 A                    | QUATERRAS 1000  | Brown, Light Brown,                    | Biocide-free self                   |  |  |            | 2016/12/07             | Japan        |              |
|                            | Blue  | polishing type                         |                                     |  |  | 2026/06/15 | Others                 |              |              |
| 01837 AQUATERRAS 1000 PLUS | Brown, Light Brown  | Biocide-free self                      | _                                   | _  |  | 2023/06/16 | Japan                  |              |              |
|                            |   |  | polishing type                      |  |  |            | 2026/06/15             | Others       |              |
| 01654 A                    | QUATERRAS 2000  | Brown, Light Brown,<br>Blue, Black     | Biocide-free self<br>polishing type |  |  |            | 2016/12/07             |              |              |
|                            |   |  |                                     |  |  |            | 2027/06/21             |              |              |
| 01848 A                    | QUATERRAS 3100  | Brown, Light Brown                     | Biocide-free self<br>polishing type | -  | -  |            | 2024/02/16             |              |              |
|                            |   |  |                                     |  |  |            | 2027/02/15             | Others       |              |
| 01655 A                    | QUATERRAS 6000  | Brown, Light Brown,                    | Biocide-free self                   |  |  |            | 2016/12/07             | Japan        |              |
|                            |   | Blue, Black                            | polishing type                      |  |  |            | 2027/10/18             | Others       |              |
| 01656 AQUATERRAS 8000      | Brown, Light Brown,<br>Blue, Black                            | Biocide-free self<br>polishing type    |                                     |  |  | 2016/12/07 | Japan                  |              |              |
|                            |   |  |                                     |  |  | 2027/06/21 | Others                 |              |              |
| 01466 B                    | IOFLEX 800  | Brown C, Dark Brown                    |                                     | 1317-39-1  | Cuprous oxide                                    |            | 2010/08/06             | Japan        |              |
|                            |   | C, Red Brown C, Red                    |                                     | 330-54-1   | 3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea        |            | 2025/10/20             | Others       | $\checkmark$ |
|                            | Brown D, Dark Brown<br>D, Brown D                             |  |                                     |  |  |            |                        |              |              |

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Name of Manufacturer: NIPPON PAINT MARINE COATINGS CO., LTD.

\*Continuation process must be taken every 3 years for each system. \*Registered Sytems Listed in alphabetical Order.

| Reg.No. Name of anti-fouling system    | Colour(s) Ty  | ype of anti-fouling system | CAS No.                             | Chemical name (IUPAC) Dates of   | f: Registration<br>Expiry | Manufactured in     |
|--|---|----------------------------|-------------------------------------|--|---------------------------|---------------------|
| 01568 BIOFLEX A/F                      | Red Oxide   | Conventional type          | 1317-39-1                           | Cuprous oxide  | 2013/08/22<br>2027/02/15  | Japan ⊻<br>Others   |
| 00252 BIOFLEX TECHNO                   | Red Brown   | Ablative type              | 1317-39-1<br>13463-41-7<br>330-54-1 | Cuprous oxide<br>Zinc-2-pyridinethiol-1-oxide<br>3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea                   | 2004/03/18<br>2025/10/20  | Japan ⊻<br>Others □ |
| 01676 DRAFT A/F Super                  | White, Black  | Self polishing type        | 122454-29-9<br>13463-41-7           | 4–Bromo–2–(4–chlorophenyl)–5–(trifluoromethyl)–1H–<br>pyrrole–3–carbonitrile<br>Zinc–2–pyridinethiol–1–oxide | 2017/08/25<br>2027/02/15  | Japan ⊻<br>Others □ |
| 01325 ECOLOFLEX SPC 100FWR             | Red Brown, Dark<br>Brown, Brown C,<br>Light Brown C   | Self polishing type        | 1317-39-1<br>14915-37-8             | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2008/11/27<br>2025/10/20  | Japan ⊻<br>Others ⊻ |
| 01249 ECOLOFLEX SPC 150HyB             | Brown C, Light<br>Brown C, Brown B,<br>Light Brown B, Brown<br>SK, Light Brown SK   | Self polishing type        | 1317-39-1<br>14915-37-8             | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2008/01/30<br>2025/08/18  | Japan ⊻<br>Others ⊻ |
| 01798 ECOLOFLEX SPC 600 HyB<br>Premium | Brown 1, Brown 2,<br>Brown 3, Light Brown<br>1, Light Brown 2,<br>Light Brown 3, Dark<br>Brown 1, Dark Brown<br>2, Dark Brown 3 | Self polishing type        | 1317-39-1<br>14915-37-8             | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2021/10/15<br>2026/12/14  | Japan ⊻<br>Others □ |
| 01485 ECOLOFLEX SPC200                 | Light Brown K, Dark<br>Brown K, Brown Z,<br>Light Brown Z, Light<br>Brown LF, Brown LF,<br>Black Z, Dark Brown<br>Z             | Self polishing type        | 1317-39-1<br>14915-37-8             | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2011/03/24<br>2028/04/17  | Japan ⊻<br>Others ⊻ |
| 01102 ECOLOFLEX SPC250 HyB             | CherryV, PlumV,<br>Cherry SK, Plum SK,<br>Cherry EK, Plum EK,<br>Blue M   | Self polishing type        | 1317-39-1<br>14915-37-8             | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2006/03/10<br>2025/10/20  | Japan ⊻<br>Others ⊻ |

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Name of Manufacturer: NIPPON PAINT MARINE COATINGS CO., LTD. \*Registered Sytems Listed in alphabetical Order. Registration Manufactured Dates of: Type of anti-fouling system Reg.No. Name of anti-fouling system Colour(s) CAS No. **Chemical name (IUPAC)** Expirv in  $\checkmark$ 2004/11/19 Japan 00368 ECOLOFLEX SPC400 Cherry V Self polishing type 1317-39-1 Cuprous oxide 2025/08/18 Others 13463-41-7 Zinc-2-pyridinethiol-1-oxide 2004/11/19 Japan 00370 ECOLOFLEX SPC600 Dark Brown. Red Self polishing type 1317-39-1 Cuprous oxide 2025/10/20 Others Brown, Cherry V. 13463-41-7 Zinc-2-pyridinethiol-1-oxide Plum V, Blue, Blue V, Green 2010/10/01 Japan  $\checkmark$ 01476 ECOLOFLEX SPC600 Cherry S. Red Brown Self polishing type 1317-39-1 Cuprous oxide Others S, Light Brown S 2025/08/18 14915-37-8 Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-2004/11/19  $\checkmark$ Japan 00371 ECOLOFLEX SPC600 HyB Cherry F, Plum F, Self polishing type 1317-39-1 Cuprous oxide 2025/08/18 Others  $\checkmark$ Red. Black. Green. Copper. bis(1.hvdroxy-2(1H)-pyridinethionato O.S)-14915-37-8 Brown V, Black F 2017/02/24  $\checkmark$ Japan 01657 ECOLOFLEX SPC600 HyB Cocoa Brown Self polishing type 1317-39-1 Cuprous oxide 2025/10/20 Others 14915-37-8 Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-64359-81-5 4.5-Dichloro-2-n-octvl-4-isothiazolin-3-one  $\checkmark$ 2024/08/23 Japan 01853 ECOLOFLEX SPC600 HvB Brown1. Dark Brown1 Self polishing type 1317-39-1 Cuprous oxide 2027/08/23 Others Premium I Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-14915-37-8 86347-14-0 4-[1-(2.3-dimethylphenyl)ethyl]-1H-imidazole 2004/03/18  $\checkmark$ Japan 00243 ECOLOFLEX SPC700 Cherry V. Plum V Self polishing type 1317-39-1 Cuprous oxide 2025/10/20 Others 13463-41-7 Zinc-2-pyridinethiol-1-oxide 2004/10/26 Japan  $\checkmark$ 00363 ECOLOSILK Gray, White, Red, Biocide-free silicone type 2026/02/16 Others Black, Green, Signal Red, Blue V 2017/12/04 01681 ECOLOSILK AXEL Japan MARIGOLD Biocide-free silicone type Others  $\checkmark$ 2027/06/21 2023/12/15  $\checkmark$ Japan 01845 FASTAR 600 H Brown. Light Brown. Self polishing type 1317 - 39 - 1Cuprous oxide 2027/02/15 Others Dark Brown Copper, bis(1,hydroxy-2(1H)-pyridinethionato O.S)-14915-37-8 2023/12/15  $\checkmark$ Japan 01846 FASTAR 600 M Brown. Light Brown. Self polishing type 1317-39-1 Cuprous oxide 2027/02/15 Others 🗹 Dark Brown Copper, bis(1,hydroxy-2(1H)-pyridinethionato O.S)-14915-37-8

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Page 4/ NIPPON PAINT MARINE COATINGS CO., LTD.

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

Name of Manufacturer: NIPPON PAINT MARINE COATINGS CO., LTD.

\*Continuation process must be taken every 3 years for each system. \*Registered Sytems Listed in alphabetical Order.

| Reg.No. Name of anti-fouling system | Colour(s) Ty                        | vpe of anti-fouling system | CAS No.     | Chemical name (IUPAC) Dates o  | f: Registration<br>Expiry | Manufactured in     |
|-------------------------------------|-------------------------------------|----------------------------|-------------|--|---------------------------|---------------------|
| 01737 FASTAR I                      | Red Brown, Dark                     | Self polishing type        | 1317-39-1   | Cuprous oxide  | 2020/02/21                | Japan 🗸             |
|                                     | Brown                               |                            | 14915-37-8  | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-                           | 2027/02/15                | Others 🗹            |
| 01738 FASTAR II                     | Red Brown, Dark                     | Self polishing type        | 1317-39-1   | Cuprous oxide  | 2020/02/21                | Japan 🗹             |
|                                     | Brown                               |                            | 14915-37-8  | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-                           | 2027/06/21                | Others 🗹            |
| 01739 FASTAR XI                     | Red Brown, Dark                     | Self polishing type        | 1317-39-1   | Cuprous oxide  | 2020/02/21                | Japan 🗹             |
|                                     | Brown                               |                            | 14915-37-8  | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-                           | 2027/02/15                | Others 🗹            |
| 01740 FASTAR XII                    | Red Brown, Dark                     | Self polishing type        | 1317-39-1   | Cuprous oxide  | 2020/02/21                | Japan 🗹             |
|                                     | Brown, Red Brown N,<br>Dark Brown N |                            | 14915-37-8  | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-                           | 2027/06/21                | Others 🗹            |
| 01718 FUNEBIJIN MAX                 | Red, Blue                           | Self polishing type        | 1317-39-1   | Cuprous oxide  | 2019/04/19                | Japan 🖌             |
|                                     |                                     |                            | 14915-37-8  | Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-                           | 2027/12/17                | Others              |
| 01609 HISOL 100                     | Brown F, Blue F,<br>Light Brown R   | Self polishing type        | 122454-29-9 | 4–Bromo–2–(4–chlorophenyl)–5–(trifluoromethyl)–1H–<br>pyrrole–3–carbonitrile | 2015/04/17<br>2027/02/15  | Japan ⊻<br>Others □ |
|                                     |                                     |                            | 13463-41-7  | Zinc-2-pyridinethiol-1-oxide   |                           |                     |
| 01610 HISOL 300                     | Brown F, Light Brown<br>R, Brown R  | Self polishing type        | 122454-29-9 | 4–Bromo–2–(4–chlorophenyl)–5–(trifluoromethyl)–1H–<br>pyrrole–3–carbonitrile | 2015/04/17<br>2027/02/15  | Japan ⊻<br>Others □ |
|                                     |                                     |                            | 13463-41-7  | Zinc-2-pyridinethiol-1-oxide   |                           |                     |
| 01800 HISOL FISHING BOAT            | Neo Black, Neo Red,                 | d, Self polishing type     | 1111-67-7   | Cuprous Thiocyanate  | 2022/04/18                | Japan 🗹             |
|                                     | Neo Blue                            |                            | 64359-81-5  | 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one                                  | 2028/02/21                | Others              |
| 01326 JYUNPU                        | Red, Black, Blue                    | Self polishing type        | 1317-39-1   | Cuprous oxide  | 2008/11/27                | Japan 🗹             |
|                                     |                                     |                            | 330-54-1    | 3-(3,4-Dichlorophenyl)-1, 1-dimethyl urea                                    | 2026/06/15                | Others              |
| 01608 LF-Sea 100 HS                 | Brown R, Light<br>Brown R, Blue R,  | Self polishing type        | 122454-29-9 | 4–Bromo–2–(4–chlorophenyl)–5–(trifluoromethyl)–1H–<br>pyrrole–3–carbonitrile | 2015/04/17<br>2027/02/15  | Japan ⊻<br>Others □ |
|                                     | Brown E, Light Brown<br>E           |                            | 13463-41-7  | Zinc-2-pyridinethiol-1-oxide   |                           |                     |
|                                     |                                     | 0 10 10 10                 |             |  | 2016/06/17                | Japan 🖌             |
| 01640 LF-Sea 100 HS                 | Brown EX, Light<br>Brown EX         | Self polishing type        | 122454-29-9 | 4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-<br>pyrrole-3-carbonitrile |                           | Japan ⊻<br>Others □ |
|                                     |                                     |                            | 13463-41-7  | Zinc-2-pyridinethiol-1-oxide   |                           |                     |
|                                     |                                     |                            | 64359-81-5  | 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one                                  |                           |                     |

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Page 5/ NIPPON PAINT MARINE COATINGS CO., LTD.

Name of Manufacturer: NIPPON PAINT MARINE COATINGS CO., LTD.

\*Continuation process must be taken every 3 years for each system. \*Registered Sytems Listed in alphabetical Order.

| Reg.No. Name of anti-fouling system | Colour(s) Ty   | pe of anti-fouling system | CAS No.                               | Chemical name (IUPAC) Dates o   | f: Registration<br>Expiry | Manufactured<br>in  |
|-------------------------------------|--|---------------------------|---------------------------------------|---|---------------------------|---------------------|
| 01250 LF-Sea 150 HyB                | Brown, light Brown,<br>Brown K, Light Brown<br>K, Brown SK, Light<br>Brown SK, B Brown<br>SK, B light Brown<br>SK, B Brown, B Light<br>Brown | Self polishing type       | 1317-39-1<br>14915-37-8               | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-   | 2008/01/30<br>2027/08/23  | Japan ⊻<br>Others ⊻ |
| 01228 LF-Sea 250 HyB                | Cherry, Plum, Cherry<br>SK, Plum SK  | Self polishing type       | 1317-39-1<br>14915-37-8               | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-   | 2007/07/26<br>2027/02/15  | Japan ⊻<br>Others ⊻ |
| 01607 LF-Sea 300 HS                 | Brown R, Light<br>Brown R, Blue R  | Self polishing type       | 122454-29-9<br>13463-41-7             | 4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-<br>pyrrole-3-carbonitrile<br>Zinc-2-pyridinethiol-1-oxide        | 2015/04/17<br>2027/02/15  | Japan ⊻<br>Others □ |
| 01244 LF-Sea 400 HyB                | Cherry, Plum, Brown,<br>Light Brown  | Self polishing type       | 1317-39-1<br>14915-37-8               | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-   | 2007/12/10<br>2027/10/18  | Japan ⊻<br>Others ⊻ |
| 01226 LF-Sea 600 HyB                | Cherry, Plum, Cherry<br>D, Plum D, Blue D,<br>Red, Blue, Cherry G,<br>Plum G, Cherry J,<br>Plum J  | Self polishing type       | 1317-39-1<br>14915-37-8               | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-   | 2007/07/26<br>2027/08/23  | Japan ⊻<br>Others ⊻ |
| 01803 MARIART X NEO                 | Black, Gray, White   | Self polishing type       | 1111-67-7<br>64359-81-5               | Cuprous Thiocyanate<br>4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one  | 2021/12/03<br>2027/10/18  | Japan ⊻<br>Others □ |
| 01802 MASSIVE NEO                   | Red, Black, White,<br>Gray   | Self polishing type       | 1111-67-7<br>64359-81-5               | Cuprous Thiocyanate<br>4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one  | 2021/12/03<br>2028/04/17  | Japan ⊻<br>Others □ |
| 00246 NIPPE STRONG 7000             | Cherry   | Self polishing type       | 1317-39-1<br>13463-41-7               | Cuprous oxide<br>Zinc-2-pyridinethiol-1-oxide   | 2004/03/18<br>2027/06/21  | Japan ⊻<br>Others □ |
| 01854 OUTFITTING A/F Premium        | Brown  | Self polishing type       | 1317-39-1<br>14915-37-8<br>86347-14-0 | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-<br>4-[1-(2,3-dimethylphenyl)ethyl]-1H-imidazole | 2024/08/23<br>2027/08/23  | Japan ⊻<br>Others □ |
| 01677 SEACHEST GUARD                | Red  | Self polishing type       | 1317-39-1<br>14915-37-8               | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-   | 2017/08/25<br>2026/06/15  | Japan ⊻<br>Others □ |

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Name of Manufacturer: NIPPON PAINT MARINE COATINGS CO., LTD.

\*Continuation process must be taken every 3 years for each system. \*Registered Sytems Listed in alphabetical Order.

| Reg.No. Name of anti-fouling system          | Colour(s) T   | ype of anti-fouling system | CAS No.                   | Chemical name (IUPAC) Dates of   | of: Registration<br>Expiry                     | Manufactured<br>in                    |
|--|---|----------------------------|---------------------------|--|--|---------------------------------------|
| 01642 SILYL A/F PAINT FOR SHIP'S<br>BOOTTOP  | Black   | Self polishing type        | 1317-39-1<br>14915-37-8   | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2016/06/17<br>2027/12/17                       | Japan ⊻<br>Others □                   |
| 01641 SILYL A/F PAINT FOR SHIP'S<br>BOTTOM   | Red   | Self polishing type        | 1317-39-1<br>14915-37-8   | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2016/06/17<br>2027/12/17                       | Japan ⊻<br>Others □                   |
| 01014 UNAGI TORYO ICHIBAN                    | Blue, Red, Retro Red  | Self polishing type        | 1317-39-1<br>13463-41-7   | Cuprous oxide<br>Zinc-2-pyridinethiol-1-oxide  | 2005/06/30<br>2027/10/18                       | Japan ⊻<br>Others □                   |
| 01799 UNAGI TORYO ICHIBAN                    | Neo Black   | Self polishing type        | 1111-67-7<br>64359-81-5   | Cuprous Thiocyanate<br>4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one   | 2021/12/03<br>2027/10/18                       | Japan ⊻<br>Others □                   |
| 01801 UNAGI TORYO ICHIBAN<br>AZAYAKA NEO     | Blue, Red, White  | Self polishing type        | 1111-67-7<br>64359-81-5   | Cuprous Thiocyanate<br>4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one   | 2021/12/03<br>2027/10/18                       | Japan ⊻<br>Others □                   |
| 01758 UNAGI TORYO ICHIBAN<br>AZAYAKA RAINBOW | G-1, B-1, N-1, Y-1, Y-<br>2, P-1, P-2, P-3, V-1,<br>W-1   | 1 0 71                     | 122454-29-9<br>13463-41-7 | 4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-<br>pyrrole-3-carbonitrile<br>Zinc-2-pyridinethiol-1-oxide | 2021/03/04<br>2028/04/17                       | Japan ⊻<br>Others □                   |
| 01555 UNAGI TORYO ICHIBAN<br>AZAYAKA SUPER   | Black, Red, Blue,<br>White, Beetle Black,<br>Venus White, Beetle<br>Gray, K-line Gray,<br>Light Green | Self polishing type        | 122454-29-9<br>13463-41-7 | 4-Bromo-2-(4-chlorophenyl)-5-(trifluoromethyl)-1H-<br>pyrrole-3-carbonitrile<br>Zinc-2-pyridinethiol-1-oxide | 2013/06/18<br>2027/12/17<br>*Under continuatio | Japan 🗹<br>Others 🗹<br>n application. |
| 01570 UNAGI TORYO ICHIBAN LF-Sea             | Blue, Red   | Self polishing type        | 1317-39-1<br>14915-37-8   | Cuprous oxide<br>Copper, bis(1,hydroxy-2(1H)-pyridinethionato O,S)-  | 2013/10/11<br>2028/04/17                       | Japan ⊻<br>Others □                   |

[NOTE] Registered products are recognised to be compliant with IMO "International Convention on the Control of Harmful Anti-fouling Systems on Ships". Other properties of registered products, such as Anti-fouling performance or safety properties, are not recognized. \*Product name case is typed as on the application form.

Page 7/ NIPPON PAINT MARINE COATINGS CO., LTD.