

Lead-Free Chrome Replacement Pigments

**Safe, sustainable alternatives to traditional
lead-based chrome yellow and red pigments**

The Challenge

- Global shift away from lead-based chrome yellow and red pigments

- Growing health and environmental concerns worldwide

- Lead exposure, especially in children, can cause neurological and developmental harm



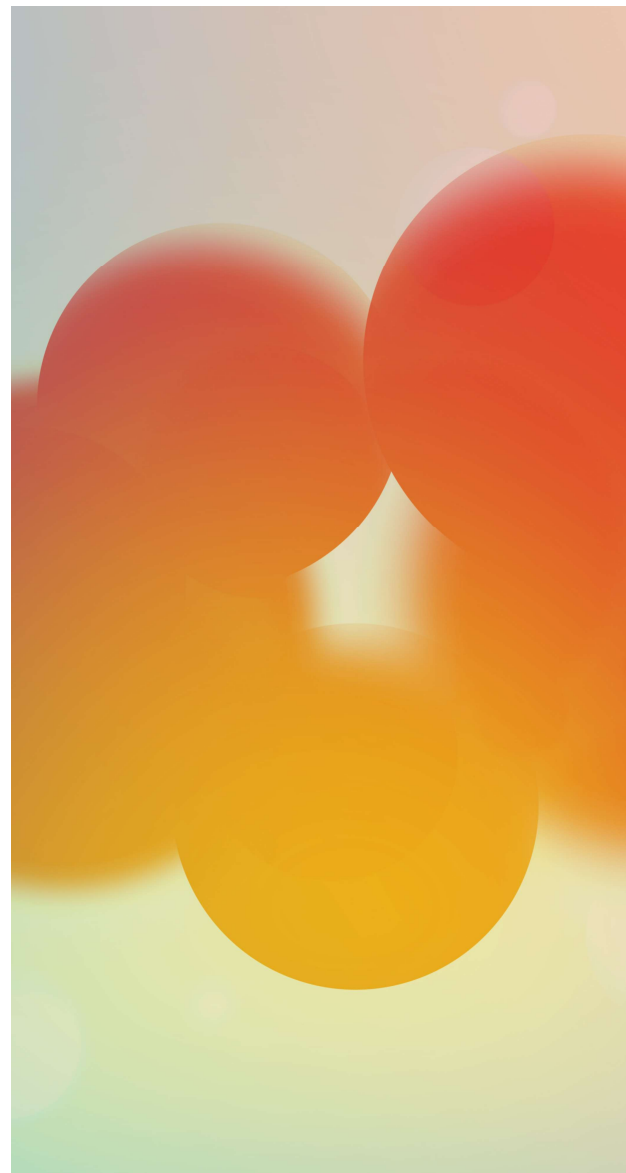


Our Solution

- Organic Lead-Free Chrome Pigments
- Close-shade replacements for traditional chrome yellow and red pigments
- Vibrant colors matching the original pigments

****Product Details:****

- VIBFAST LEMON YELLOW 4014 : 3 (CI Pigment Yellow 191:3) — Shade equivalent to Lemon Chrome
- VIBFAST MIDDLE YELLOW 4014 : 2 (CI Pigment Yellow 191 : 2) — Shade equivalent to Middle Chrome
- VIBFAST RED 4028 : 5 (CI Pigment Red 48 : 5) — Shade equivalent to Scarlet Chrome



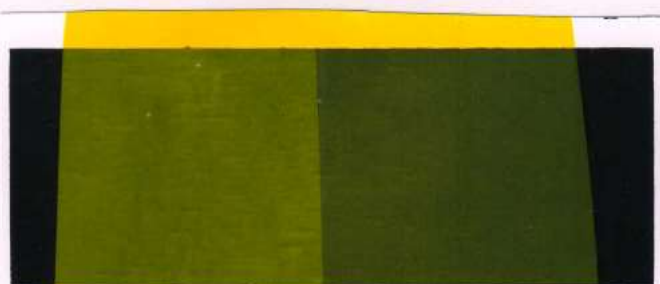
SHADE COMPARISON



LEAD FREE CHROME REPLACEMENT REPORT MASS TONE

MIDDLE CHROME

PY 191:2 (LEAD-FREE MIDDLE YELLOW)
VIBFAST YELLOW 4014:3



LEAD FREE CHROME REPLACEMENT REPORT TINT TONE

MIDDLE CHROME

PY 191:2 (LEAD-FREE MIDDLE YELLOW)
VIBFAST YELLOW 4014:3



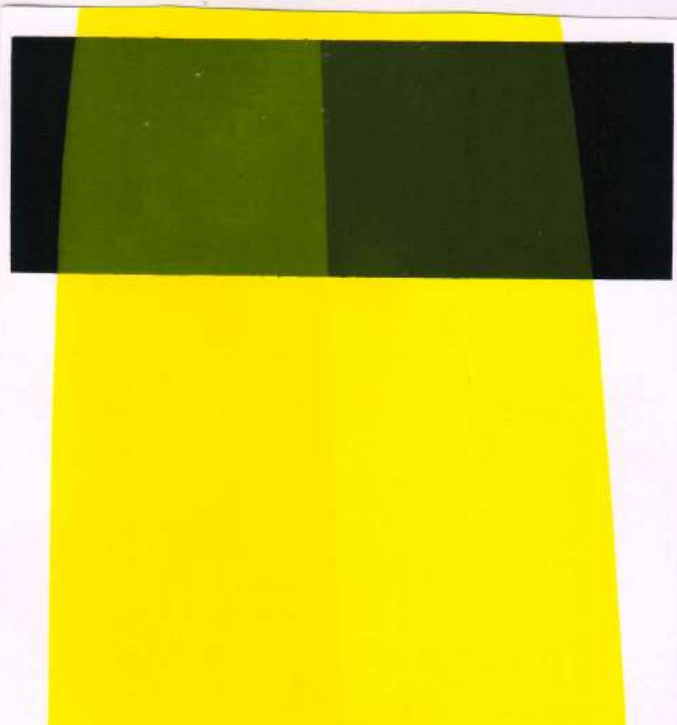
SHADE COMPARISON



LEAD FREE CHROME REPLACEMENT REPORT MASS TONE

LEMON CHROME

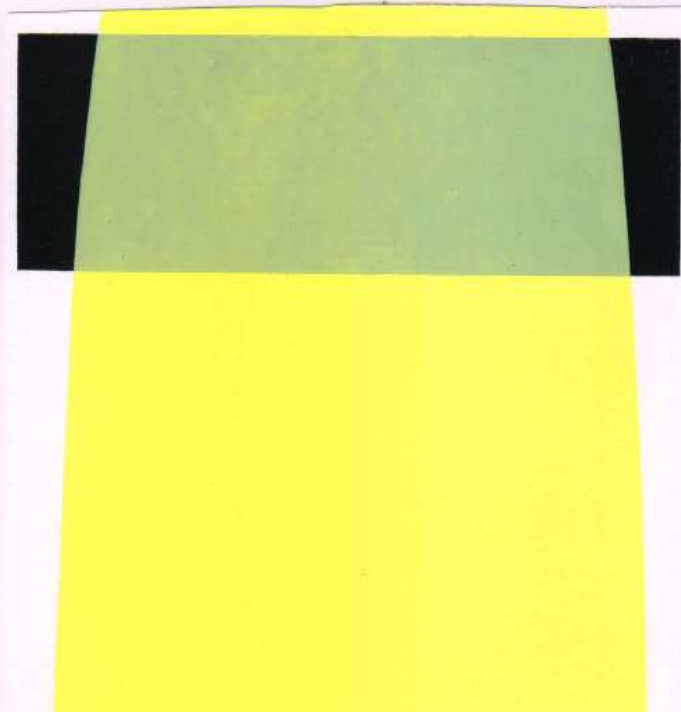
PY 191:3 (LEAD-FREE LEMON YELLOW)
VIBFAST YELLOW 4014:3



LEAD FREE CHROME REPLACEMENT REPORT TINT TONE

LEMON CHROME

PY 191:3 (LEAD-FREE LEMON YELLOW)
VIBFAST YELLOW 4014:3



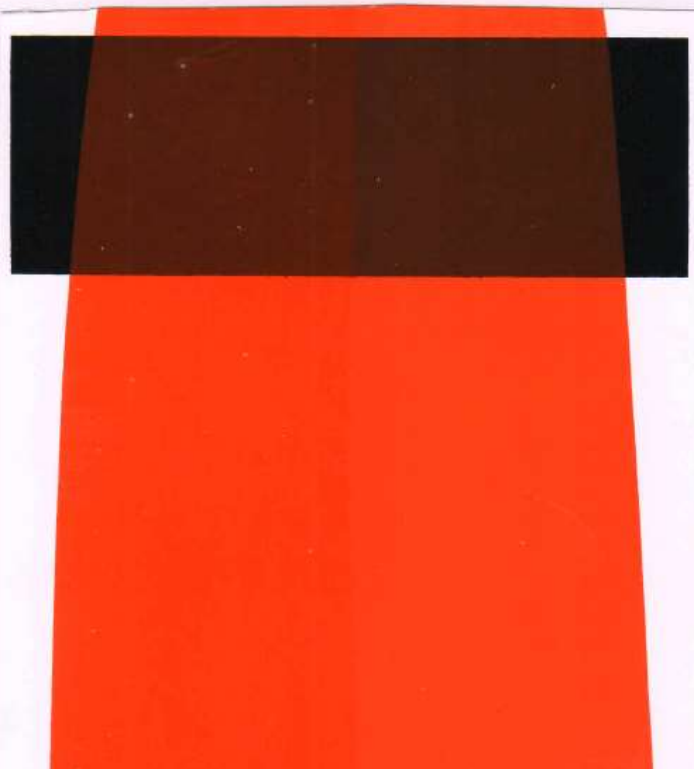
SHADE COMPARISON



LEAD FREE CHROME REPLACEMENT REPORT MASS TONE

SCARLET CHROME

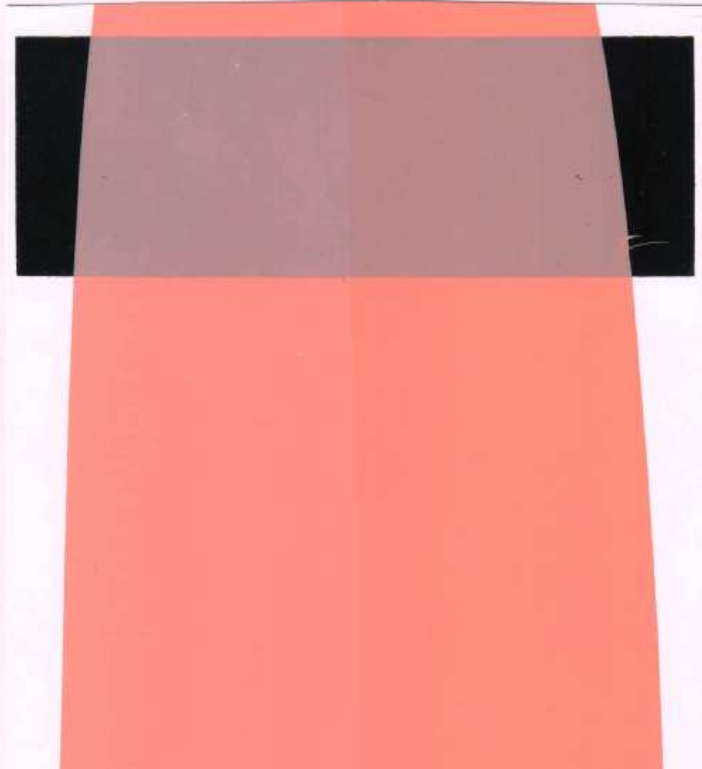
PR 48:5 (LEAD-FREE SCARLET RED)
VIBFAST RED 4028:5



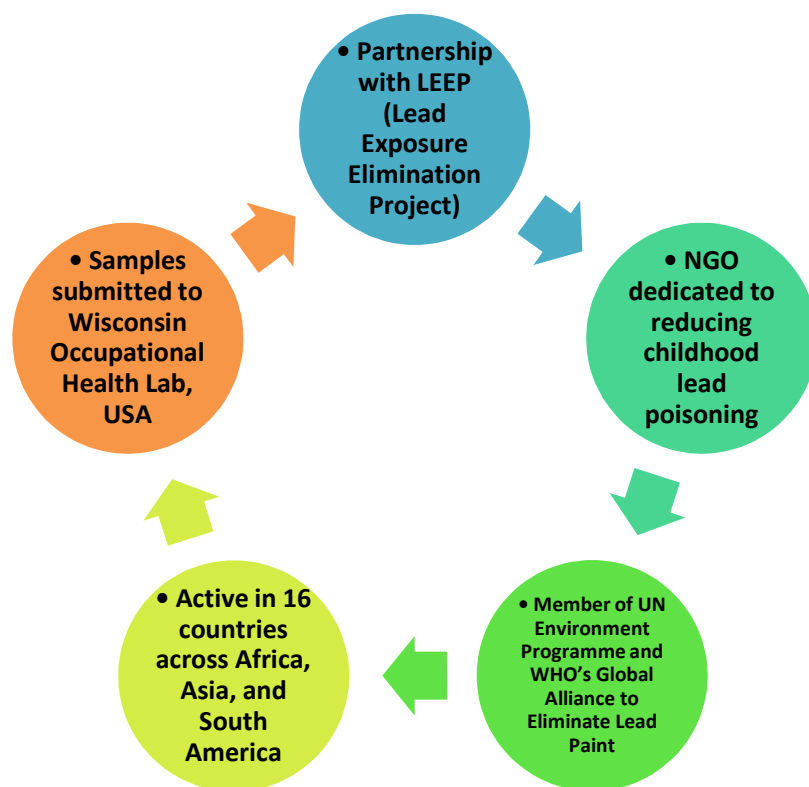
LEAD FREE CHROME REPLACEMENT REPORT TINT TONE

SCARLET CHROME

PR 48:5 (LEAD-FREE SCARLET RED)
VIBFAST RED 4028:5



Global Collaboration





Testing & Safety Approval

• All three pigments tested and approved by Wisconsin Occupational Health Lab

• Safe for industrial, artistic, and commercial applications

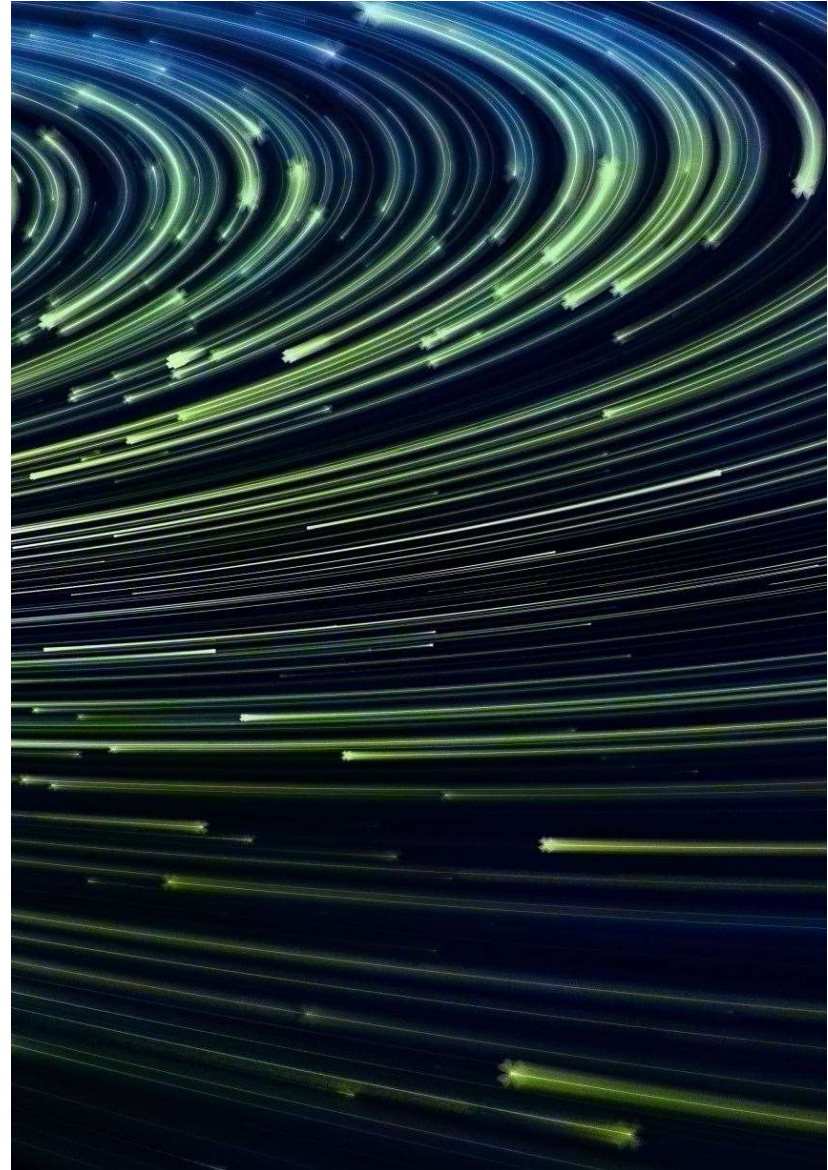
• Confirmed to be lead-free and non-hazardous





Key Benefits

- Closest shade match to traditional chrome pigments
- Non-toxic and environmentally safe
- Supports global initiatives to eliminate childhood lead poisoning
- Sustainable alternative for industries transitioning away from lead-based pigments



Application Areas



- **Paints and coatings**

- **Plastics and rubber**

- **Artistic and decorative materials**

- **Industrial colorants requiring high-performance chrome pigments**

Conclusion



- **SAFE, VIBRANT, SUSTAINABLE PIGMENTS**



- **BACKED BY INDEPENDENT LAB TESTING AND GLOBAL NGO COLLABORATION**



- **CONTRIBUTE TO A HEALTHIER ENVIRONMENT WHILE MAINTAINING VISUAL QUALITY**



Contact Information

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