



GOKUL EXIMP

- **Chrome Pigments**
- **Lead Chrome Pigments**
- **Corrosive Pigments**
- **High Temperature Pigments**

GOKUL EXIMP

(STAR EXPORT HOUSE)

AN ISO 9001:2015 CERTIFIED COMPANY

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Chrome Pigments Series

Chrome Pigments

Physical & Fastness Properties



GOKUL EXIMP

| SR. NO. | PRODUCT | ANUCHROME | C.I.NO. | C.I. PIGMENT NO. | SPECIFIC GRAVITY | BULK DENSITY g/cc | OIL ABSORPTION | BLEEDING IN | | | | | | | | | | HEAT STABILITY | | | | Resistance to Acid | | Resistance to Alkali | | APPLICATION | | | | | | | | | | | | | |
|---------|------------------|-----------|---------|------------------|------------------|-------------------|----------------|-------------|-----------------|----------------------|-------------|---------|---------------|--------|---------|---------------------|--------------------|----------------|-------------------|----------------|---|--------------------|----------------|----------------------|----------------|-------------|---------------|-----------------|----------------|----------|-------------------|---------------|--------------|----------|---|---|---|---|---|
| | | | | | | | | Water | 5% Caustic Soda | 5% Hydrochloric Acid | Linseed Oil | Ethanol | Ethyl Acetate | Xylene | Butanol | Methyl Ethyl Ketone | Mineral Turpentine | Cellosolve | Dioctyl Phthalate | Light Fastness | | 120°C / 30 min | 150°C / 20 min | 180°C / 10 min | 220°C / 10 min | Paints | Printing Inks | Rubber/Plastics | Leather Pastes | Linoleum | PVC Leather Cloth | Paper Coating | Road Marking | Plastics | | | | | |
| | | | | | | | | MT | TT 1:10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | MIDDLE CHROME | M-11 | 77603 | Y-34 | 5.1-6.0 | 0.89 | 15-25 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ |
| 2. | MIDDLE CHROME | M-12 | 77603 | Y-34 | 5.1-6.0 | 0.89 | 15-25 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ |
| 3. | MIDDLE CHROME | M-14 | 77603 | Y-34 | 5.1-6.0 | 0.62 | 15-25 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 | SB | SB | SB | SB | VG | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 4. | MIDDLE CHROME | M-15 | 77603 | Y-34 | 5.1-6.0 | 0.67 | 20-30 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | SB | SB | SB | SB | G | P | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 5. | MIDDLE CHROME | M-16 | 77603 | Y-34 | 5.1-6.0 | 0.80 | 15-20 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 6. | LEMON CHROME | L-21 | 77603 | Y-34 | 4.9-6.0 | 0.90 | 16-25 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 7. | LEMON CHROME | L-24 | 77603 | Y-34 | 4.9-6.0 | 0.76 | 16-25 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | SB | SB | SB | USB | VG | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 8. | LEMON CHROME | L-25 | 77603 | Y-34 | 4.9-6.0 | 0.83 | 20-30 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | SB | SB | SB | SB | G | P | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 9. | LEMON CHROME | L-26 | 77603 | Y-34 | 4.9-6.0 | 0.95 | 16-21 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | SB | SB | SB | USB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 10. | PRIMROSE CHROME | P-31 | 77603 | Y-34 | 5.1-6.0 | 1.21 | 10-15 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | SB | SB | SB | SB | VG | P | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 11. | PRIMROSE CHROME | P-35 | 77603 | Y-34 | 5.1-6.0 | 1.25 | 10-15 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | SB | SB | SB | SB | G | P | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 12. | PRIMROSE CHROME | P-36 | 77603 | Y-34 | 5.1-6.0 | 1.30 | 10-15 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | SB | SB | SB | SB | G | P | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 13. | SCARLET CHROME | S-41 | 77605 | R-104 | 5.2-6.0 | 1.33 | 14-20 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 14. | SCARLET CHROME | S-42 | 77605 | R-104 | 5.2-6.0 | 1.48 | 14-20 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 15. | SCARLET CHROME | S-43 | 77605 | R-104 | 5.2-6.0 | 1.33 | 14-20 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 16. | SCARLET CHROME | S-45 | 77605 | R-104 | 5.2-6.0 | 0.93 | 14-20 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 17. | SCARLET CHROME | S-46 | 77605 | R-104 | 5.2-6.0 | 1.11 | 14-20 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | SB | SB | SB | USB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 18. | SCARLET CHROME | S-47 | 77605 | R-104 | 5.2-6.0 | 1.30 | 14-20 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |
| 19. | MIDDLE CHROME-RM | RM | 77603 | Y-34 | 5.1-6.0 | 0.68 | 20-32 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | SB | SB | SB | SB | G | F | ☼ | ☼ | | ☼ | ☼ | ☼ | ☼ | ☼ | | ☼ | |

Y : Yellow
R : Red
W : White

Bleeding
Scale (1- 5)
5 : No bleed
1 : Considerable
Bleed

Light
Fastness
Scale (1-8)
1 - poor
8 - excellent

SB-Stable
USB - Unstable

E- Excellent
VG - Very Good
G - Good
F - Fair
P- Poor

Pigments Series

Corrosive Pigments

Physical & Fastness Properties



GOKUL EXIMP

| S.NO. | PRODUCT | ANCOR | C. I. NO. | C. I. PIGMENTS NO. | SPECIFIC GRAVITY | BULK DENSITY g / cc | OIL ABSORTION | BLEEDING IN | | | | | | | | | | Light Fastness | HEAT STABILITY | | | | APPLICATION | | | |
|-------|---------------------------|-------|-----------|--------------------|------------------|---------------------|---------------|-------------|-----------------|-----------------------|-------------|---------|---------------|--------|---------|---------------------|--------------------|----------------|----------------|-------------------|-------|-----------------|-------------|-----------------|-----------------|--|
| | | | | | | | | Water | 5% Caustic Soda | 5% Hydrochloride Acid | Linseed Oil | Ethanol | Ethyl Acetate | Wylene | Butanol | Methyl Ethyl Ketone | Mineral Turpentine | | Cellosolve | Dioctyl Phthalate | M. T. | 120% C / 30 Min | | 150% C / 20 Min | 180% C / 10 Min | 220% C / 10 Min |
| 1. | BASIC LEAD SILCO CHROMATE | BL-60 | | | 3.8- 4.3 | 0.9 | 10-20 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | SB | SB | SB | SB | Corrosive Primers Electro deposition Primers Unicoat Paints Systems. |
| 2. | ZINC YELLOW | Z-82 | 77955 | Y-36 | 3.2 - 3.5 | 0.75 | 15 min | 3 | 3 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | SB | USB | USB | USB | Corrosive Primers Red Oxide Primers Anti-Corrosive Yellow Primers |
| 3. | ZINC TETROXY CHROMATE | Z-83 | 77956 | Y36.1 | 3 - 3.5 | 0.33 | 15 min | 4 | 3 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | SB | USB | USB | USB | Etch Primers / Wash Primers for Non-Ferrous Metals |
| 4. | ZINC PHOSPHATE | ZP-84 | 77964 | W-32 | 3.0 - 3.6 | 0.59 | 17 min | 5 | 5 | sol | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | SB | SB | SB | SB | Corrosive Primers Marine Paint Systems Unicoat Paints Systems. |
| 5. | BARIUM CHROMATE | B-91 | 77103 | Y-31 | 4 - 4.5 | 1.0 | 8-20 | 5 | 4 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | SB | SB | SB | SB | Corrosive Primers |
| 6. | STRONTIUM CHROMATE | SR-95 | 77839 | Y-32 | 3 - 3.5 | 0.58 | 21-30 | 3 | 3 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | SB | SB | SB | SB | Coil Coatings Water-dip Primers Epoxy Primers Unicoat Paint Systems |

Y : Yellow
R : Red
W : White

Bleeding
Scale (1- 5)
5 : No bleed
1 : Considerable
Bleed

Light
Fastness
Scale (1-8)
1 - poor
8 - excellent

SB-Stable
USB - Unstable

Lead Chrome Pigments

Full Tone

Reduction 1:10



Middle Chrome
M-11



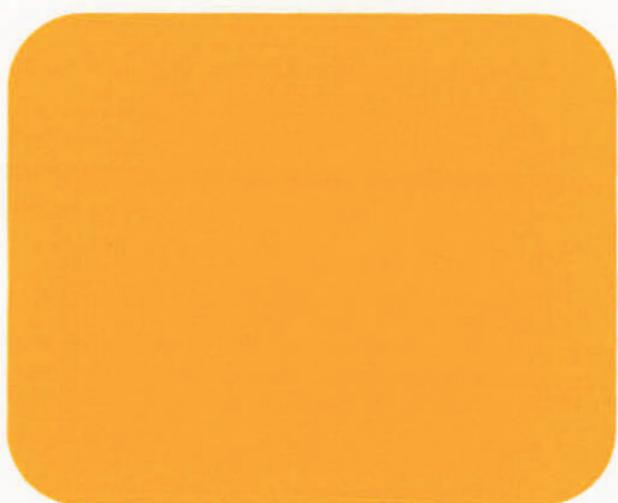
Middle Chrome
M-11



Middle Chrome
M-12



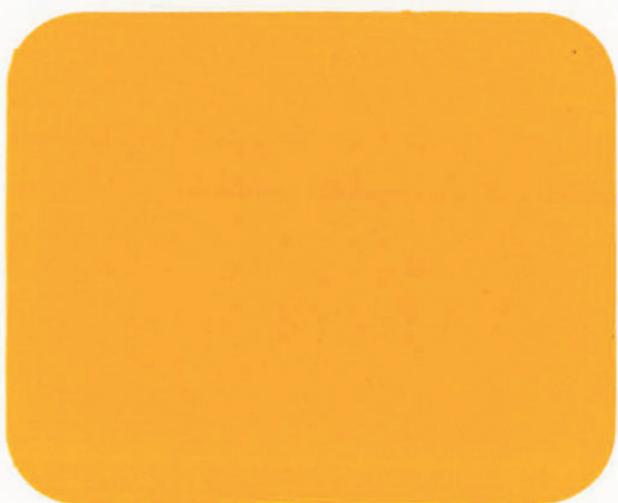
Middle Chrome
M-12



Middle Chrome
M-14



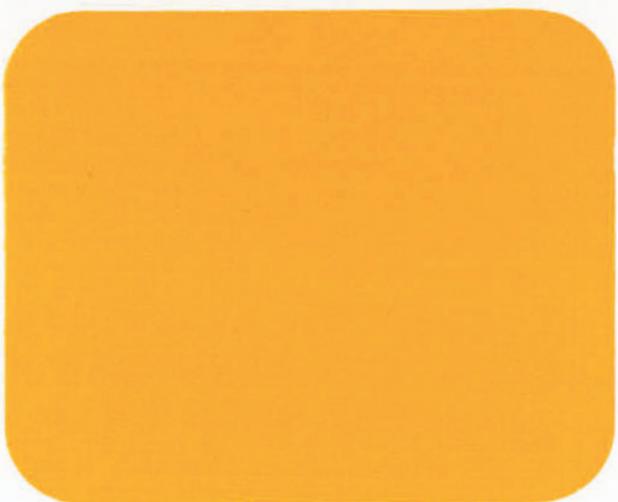
Middle Chrome
M-14



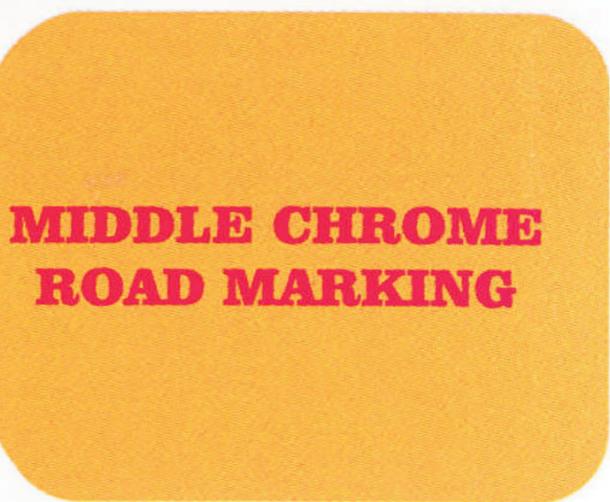
Middle Chrome
M-16



Middle Chrome
M-16



Middle Chrome
RM



**MIDDLE CHROME
ROAD MARKING**

Lead Chrome Pigments

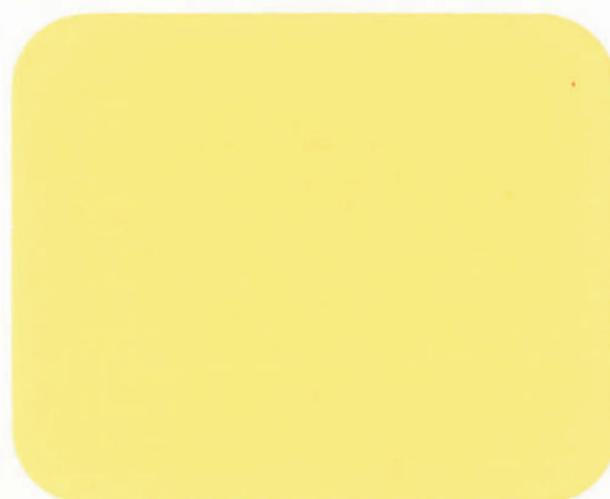
Full Tone

Reduction 1:10



Lemon Chrome
L-21

Lemon Chrome
L-21



Lemon Chrome
L-24

Lemon Chrome
L-24



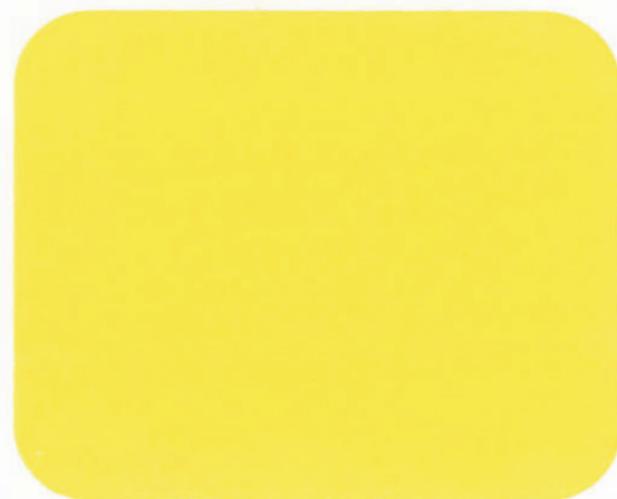
Lemon Chrome
L-26

Lemon Chrome
L-26



Primrose Chrome
P-31

Primrose Chrome
P-31



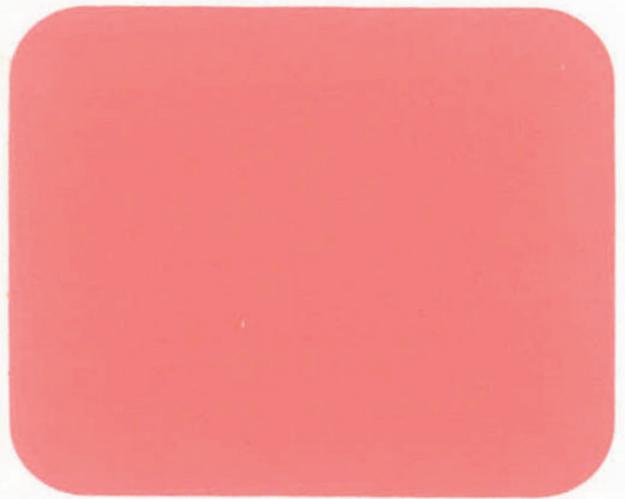
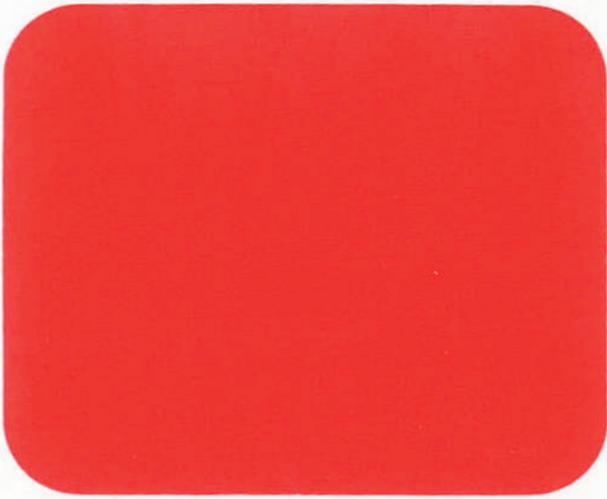
Primrose Chrome
P-36

Primrose Chrome
P-36

**Scarlet Chrome /
Molybdated Orange Grades**

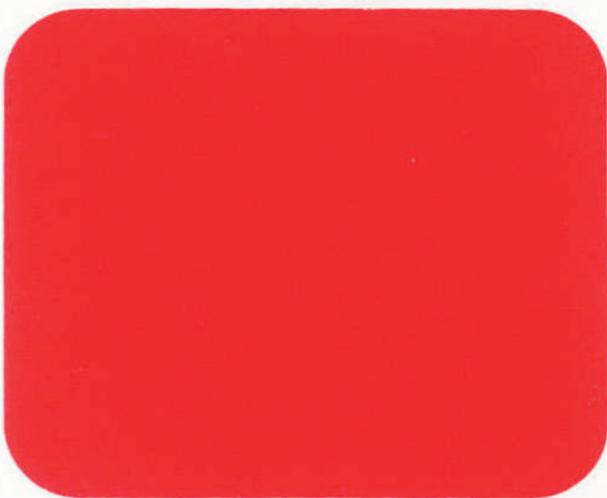
Full Tone

Reduction 1:10



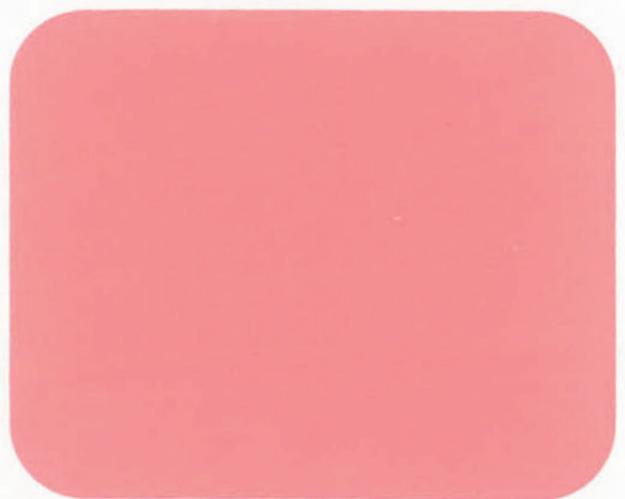
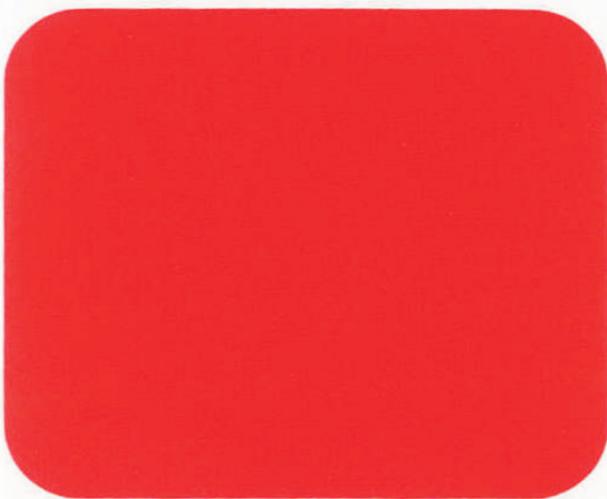
Scarlet Chrome
S-41

Scarlet Chrome
S-41



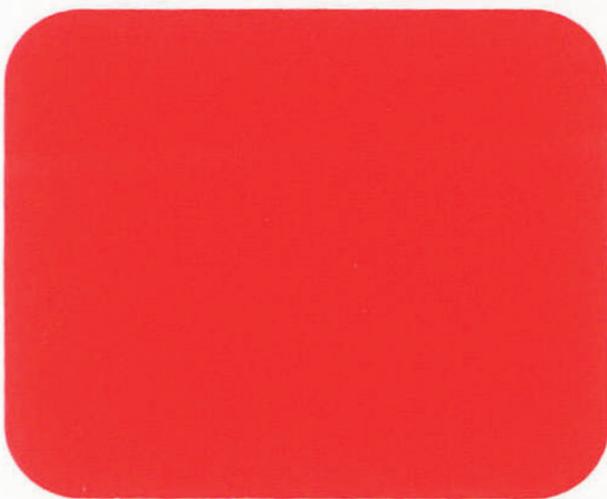
Scarlet Chrome
S-42

Scarlet Chrome
S-42



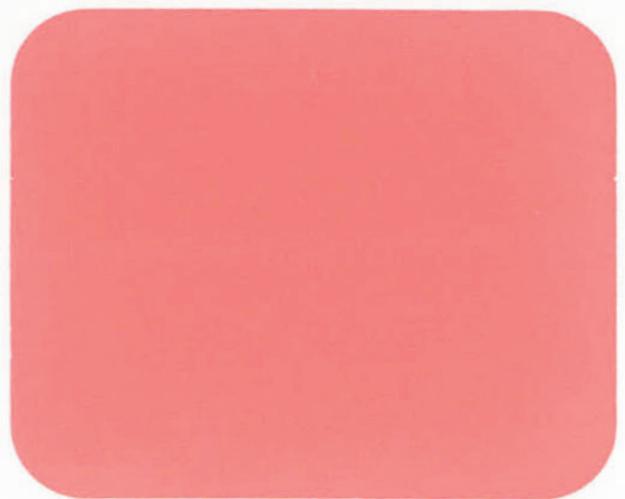
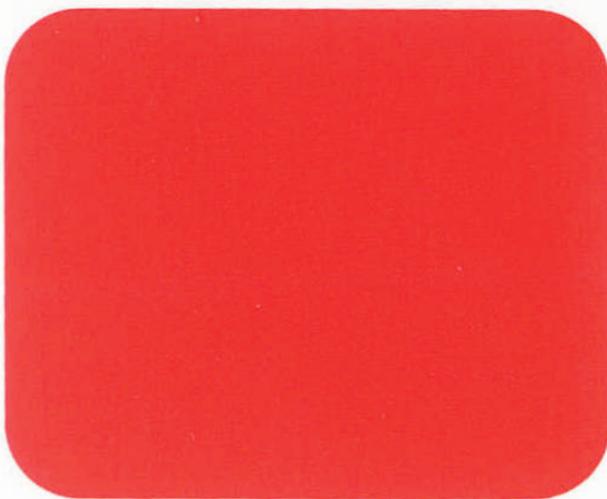
Scarlet Chrome
S-43

Scarlet Chrome
S-43



Scarlet Chrome
S-46

Scarlet Chrome
S-46



Scarlet Chrome
S-47

Scarlet Chrome
S-47

Pigments for Plastic Masterbatches

STANDARD



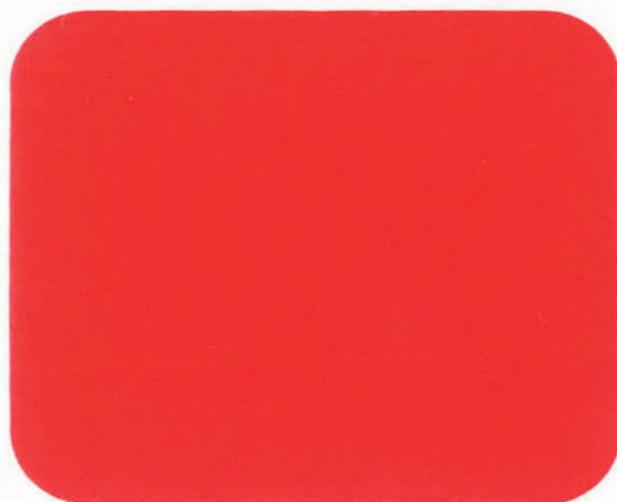
Middle Chrome
M-11



Primrose Chrome
P-31



Lemon Chrome
L-21



Scarlet Chrome
S-41

High Temperature

Pigments for Plastic Masterbatches



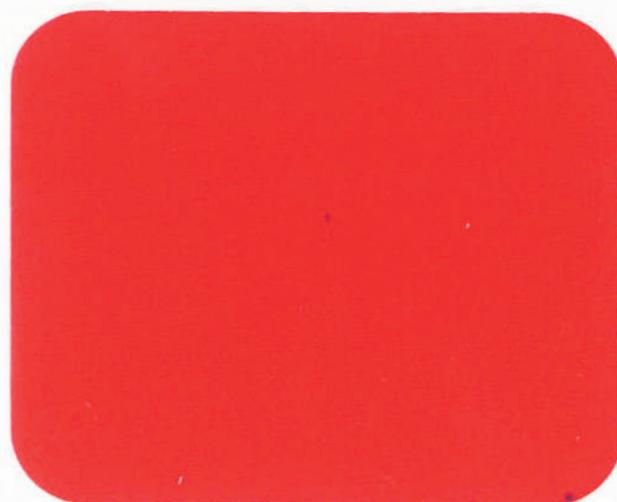
Middle Chrome
M-15



Lemon Chrome
L-25



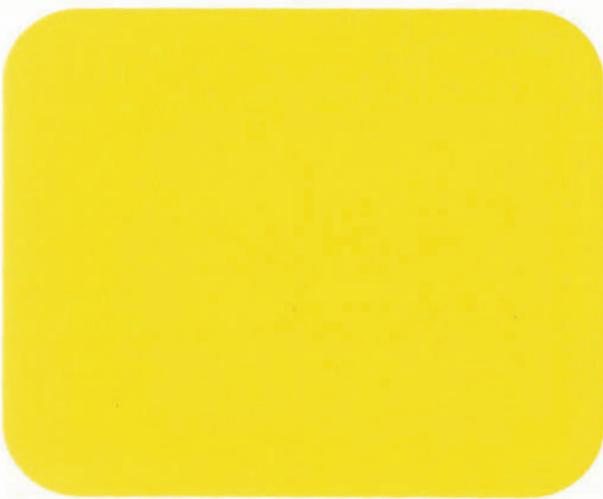
Primrose Chrome
P-35



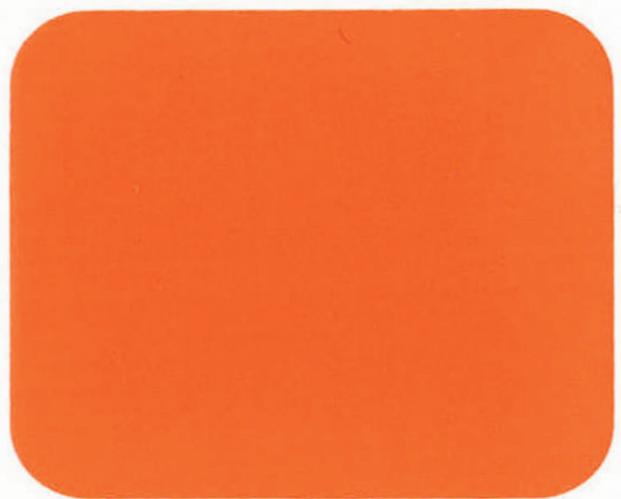
Scarlet Chrome
S-45

Corrosive

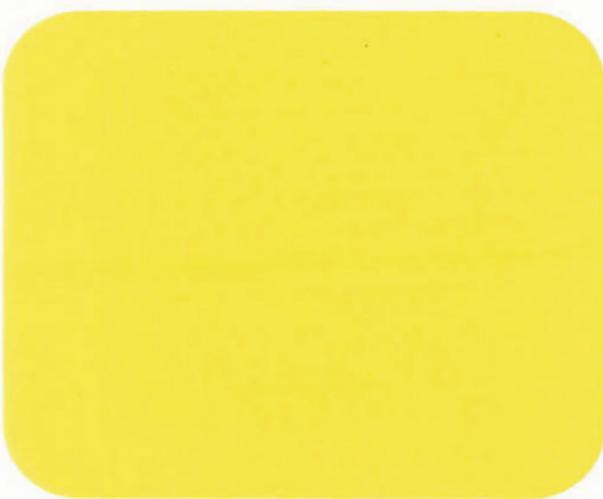
Pigments



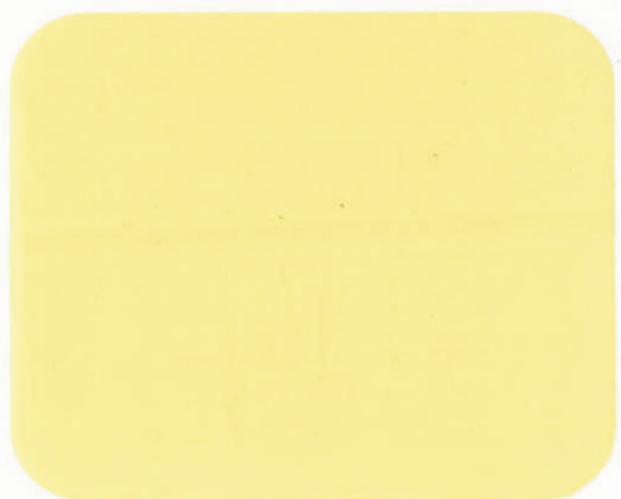
Zinc Chrome/Zinc Yellow
Z-82



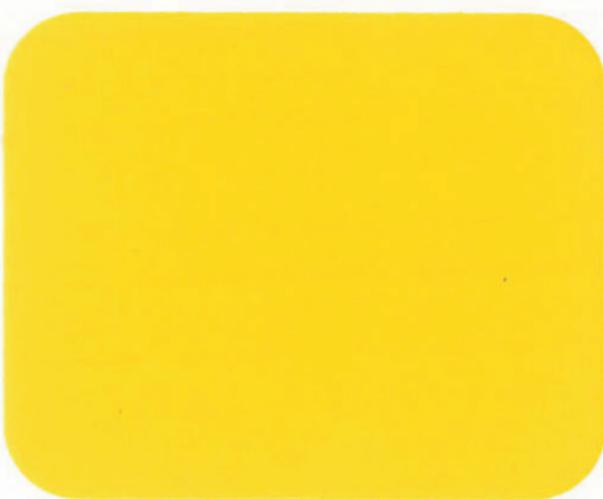
Basic Lead Silico Chromate
BL-60



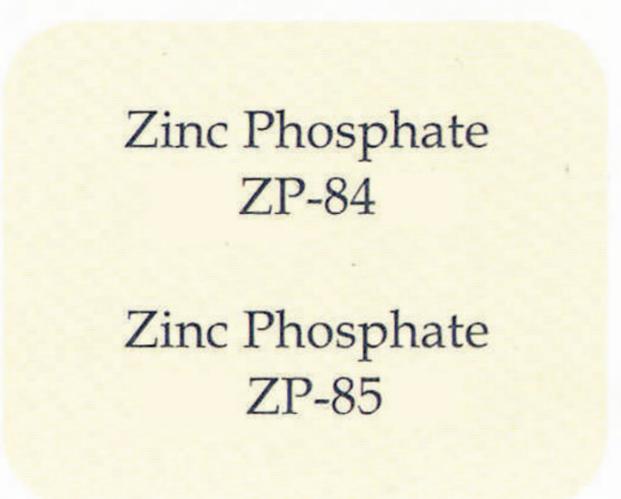
Strontium Chromate
SR-95



Barium Chromate
B-91



Zinc Tetroxy Chromate
Z-83



Zinc Phosphate
ZP-84

Zinc Phosphate
ZP-85

The colour panels and other information provided in the shade card are for the guidance of the users and verification under actual conditions is recommended.

GOKUL's Range Of Inorganic Pigments

Lead Chrome Pigment Series

| No. | Product | Code | C.I. No. | Recommended End Uses |
|-----|--|------|----------|--|
| 1. | Middle Chrome | M-11 | Y-34 | Paints, Printing Inks, Road Marking Paints and Plastic Master Batches |
| | | M-12 | Y-34 | Paints, Road Marking Paints and Plastic Master Batches |
| | | M-13 | Y-34 | Standard Quality for Paints and Inks |
| | | M-14 | Y-34 | Exterior Durable Synthetic Enamels and Automotive Refinishes |
| | | M-16 | Y-34 | Economic Quality Paints |
| 2. | Lemon Chrome | L-21 | Y-34 | Paints, Printing Inks, Road Marking Paints and Plastic Master Batches |
| | | L-23 | Y-34 | Standard Quality for Paints and Inks |
| | | L-24 | Y-34 | Exterior Durable Synthetic Enamels and Automotive Refinishes |
| | | L-26 | Y-34 | Economic Quality Paints |
| 3. | Primrose Chrome | P-31 | Y-34 | Paints, Printing Inks, Road Marking Paints and Plastic Master Batches |
| | | P-33 | Y-34 | Standard Quality for Paints and Inks |
| | | P-36 | Y-34 | Economic Quality Paints |
| 4. | Scarlet Chrome (Molybdated Orange) | S-41 | R-104 | Paints, Printing Inks, Plastic Master Batches providing Yellowish Tone |
| | | S-42 | R-104 | Paints, Printing Inks, Plastic Master Batches providing Bluish Tone |
| | | S-43 | R-104 | Pre-darkened, Bluer type for Exterior Durable Industrial Coatings and Automotive Refinishes |
| | | S-46 | R-104 | Economic Quality Paints |
| | | S-47 | R-104 | Pre-darkened, Yellower type for Exterior Durable Industrial Coatings and Automotive Refinishes |

Corrosive Pigment Series

| | | | | |
|----|------------------------------------|-------|--------|---|
| 1. | Basic Lead Silico Chromate | BL-60 | - | Corrosive and Electro- deposition Primers/ Unicoat Paint Systems |
| 2. | Zinc Yellow/ Zinc Chrome | Z-82 | Y-36 | Corrosive Red Oxide/ Yellow Primers |
| 3. | Zinc Tetroxy Chromate (ZTC) | Z-83 | Y-36:1 | Etch/ Wash Primers for Non-ferrous surfaces |
| 4. | Zinc Phosphate | ZP-84 | W-32 | Corrosive Primers/ Marine Paint Systems/ Unicoat Paint Systems |
| 5. | Barium Chromate | B-91 | Y-31 | Corrosive Primers |
| 6. | Strontium Chromate | SR-95 | Y-32 | Coil Coating/ Water-dip Primers/ Epoxy Primers/ Unicoat Paint Systems |

High Temperature Pigment Series

| | | | | |
|----|---------------------------------------|------|-------|---|
| 1. | Golden Yellow/ Middle Chrome | M-15 | Y-34 | Plastic Master Batches - For Process temp. upto 250°C |
| 2. | Lemon Yellow/ Lemon Chrome | L-25 | Y-34 | Plastic Master Batches - For Process temp. upto 250°C |
| 3. | Canary Yellow/ Primrose Chrome | P-35 | Y-34 | Plastic Master Batches - For Process temp. upto 250°C |
| 4. | Red/ Scarlet Chrome | S-45 | R-104 | Plastic Master Batches - For Process temp. upto 250°C |