

ISO 9001:2015, 14001:2015, 45001:2018 &  RoHS Certified

SMG CoateX

A Chemistry For Performance

Manufacturer of Electrophoretic & Spray Lacquers, Anti Corrosive Paints Coatings and Epoxies Color Dyes & Pigments, Plating Chemicals & Brighteners. Sealants & Adhesives.

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KLIN – X

KLIN –X is a biodegradable, citrus solvent cleaner, degreaser and adhesive remover. It removes Dirt Marks, Water Scaling Marks, Stickers Marks, Tar & Oil Marks. It removes Stains without Losing Shine & Gloss. can be used safely on most surfaces and substrates, including Painted surface, Glass porcelain, and Concrete and is compatible with many Plastics and Vinyl's.

Commonly Used on Veneer, Laminates, finished Wood, Stainless Steel, Platted and coated materials & Leather etc.

BENEFITS

- Biodegradable
- Compatible with most plastics
- Citrus scent
- Increased productivity
- Fast application
- Minimizes waste
- Minimizes equipment set-up and clean-up
- Completely portable in difficult work situations
- Stain remove without losing shine & gloss.

DIRECTIONS FOR USE

- Spray approximately 10 cm from surface. Allow cleaner to remain on surface for a few seconds then using a clean cloth, wipe off stains. Wipe thoroughly to obtain a residue free clean surface.
- Use with adequate ventilation. When possible we recommend shaking the bottle well before using.

CAUTION

- Use only in well ventilated areas.
- DO NOT thin or reactivate with solvents.
- DO NOT incinerate.
- Keep away from sources of ignition.
- Test for suitability before use.

CHEMICAL CONTENT SPECIFICATIONS –

CITRUS SINENSIS

Assay by GLC	D – LIMONENE	94.54 %
Physical Appearance	Clear to Pale Yellow	Complies
Extraction	Steam Distillation	Complies
Specific Gravity	0.832 to 0.854	Complies
Reflective Index	1.462 – 1.485	Complies

Aliphatic fatty ketones

PARAMETERS	UOM	SPECIFICATION	METHOD	RESULTS
Appearance	-	Clear Colorless Liquid	Visual	Pass
Purity	Mass %	99.50 Min	IS 170 : 2020	99.81
Color, Pt/Co	APHA	10 Max	ASTM D1209	5
Water Content	Mass %	0.4 Max	ASTM D1364	0.16
Specific Gravity (20 °C/20 °C)	-	0.791 – 0.793	ASTM D4052	0.7918
Acidity (based on Acetic acid)	Mass %	0.002 Max	ASTM D1613	0.0009
Miscibility with water	-	Miscible/ clear	ASTM D1722	Pass
Distillation Range (including 56.1 °C)	°C	1.0 Max	ASTM D1078	0.6
Permanganate Time	Minutes	30 Min	ASTM D1363	255
Residue of Evaporation	Mass %	0.002 Max	ASTM D1353	0.0008
Benzene	mg/kg	To be Reported	IS 170 : 2020	< 2

Nonpolar hydrocarbon compounds

PARAMETERS	SPECIFICATION	RESULTS
Appearance	Transparent to Pale yellow liquid	Transparent whitish liquid
Free Amine (%)	1 %	0.1 %
Solid Content	34 % – 36 %	35.3 %
Active Matter (%)	28 % - 30 %	29. 1%
Sodium Chloride (%)	4 % - 6%	5.2
PH Value (%)	4 – 7	5.2
Odor	Chrematistics Odor	Chrematistics Odor

Others

TEST	METHOD	RESULT(%VOL)	RESULT (%WT)
Ethane	ASTM D 2163	0.26	0.17
Propane		29.93	27.32
Propylene		<0.01	<0.01
L Butane		23.02	23.31
N butane		46.13	48.47
Iso - pentane		<0.01	<0.01
N pentane		<0.01	<0.01
Trans 2 butane		<0.01	<0.01
1 butane		<0.01	<0.01
Isobutene		0.23	0.25
Cis 2 butane		0.43	0.49
1,3 butadiene		<0.01	<0.01
Density @ 15°C	ASTM D 2598	555.9	Kg/m3
Specific Gravity @ 60°F	ASTM D 2598	0.5559	-
Molecular weight	ASTM D 2598	53.38	-
Motor octane number (mon)	ASTM D 2598	93.7	-
Calorific value	ASTM D 2163	11758.78878	Kcal/Kg
Vapor pressure @ 35°C	IP 432	510	kpa
Water Content/Moisture			Not Detected
Hydrogen Sulphide			Negative

TYPICAL PROPERTIES

- STORAGE: Not damaged by freezing. Return to room temperature prior to use.
- FLAMMABILITY: Flammable per industry standard flame projection test.
- OPEN TIME: Long
- APPEARANCE: Citrus odor, Clear in color
- SPECIFIC GRAVITY: .72 to .76 gams/cc
- SOLUBILITY IN WATER: Negligible
- GASES – Hexane, Butane, Ethane, Propane & Propylene
- SOLVENT: D-limonene
- SHELF LIFE: 18 months from date of manufacture
- PACKAGING • 450ml Aerosol

STORAGE HANDLING & STORAGE

- Consult Material Safety Data Sheet prior to use.
- Do Not store at temperatures over 50°C.
- Avoid exposure to direct sunlight.
- Do Not store directly on concrete floor.
- Keep out of Reach of Children

MSDS and Technical Data Sheets MUST be read and understood before use. Information contained in this technical literature is believed to be accurate and offered in good faith for the benefit of the consumer.

The company however cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to infringe on any patent. These products are for industrial use only.

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