

MATERIAL SAFETY DATA SHEET



1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Si-Rex03® (Covers Light Tint, Medium Tint and Deep Tint Bases) – a viscous Silicone Resin Emulsion protective color coating for Concrete and Masonry Facades.

MANUFACTURER'S NAME AND ADDRESS: Klaas Coatings (North America) LLC.
PO Box 25122
Dallas, TX 75225-1122

EMERGENCY TELEPHONE NUMBERS:
> 8:00 AM – 5:00 PM CST Mon-Fri: (866) 317-3633
> NON-BUSINESS HOURS: (866) 317-3633

INFORMATION TELEPHONE: (866) 317-3633

DATE PREPARED: 09/30/2007

2 – HAZARDOUS INGREDIENTS / SARA III INFORMATION

CHEMICAL NAME	(COMMON NAME)	CAS NO.	WEIGHT PERCENTAGE	ACGIH TLV/TWA	OSHA PEL/TWA **millions of particles per cubic foot
Magnesium Silicate Hydrate	(Talc)	14807-96-6		2 mg/m3	20 mppcf**
Titanium Dioxide		13463-67-7	Proprietary	10mg/ m3	10mg/ m3

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

3 – PHYSICAL DATA

APPEARANCE / ODOR	pH / MATERIAL V.O.C.	BOILING POINT (°F / °C)	VAPOR DENSITY (Air = 1)	VAPOR PRESSURE (mm Hg)	SPECIFIC GRAVITY	SOLUBILITY IN WATER
Pigmented viscous liquid Low odor – slight ammonia	8-10.0 175g/liter 1.5lb/gallon	212 / 100°	N/A	N/A – water based	1.29-1.36 (covers Light Tint, Medium Tint and Deep Tint Bases)	Yes

4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD):	FLAMMABLE LIMITS:	EXTINGUISHING MEDIA:	SPECIAL FIRE FIGHTING PROCEDURES:	UNUSUAL FIRE AND EXPLOSION HAZARDS:
Not applicable.	Non flammable.	Foam, carbon dioxide, water spray.	Do not enter confined fire area without proper protective equipment. Cool fire exposed containers and surrounding areas with water	Whilst no flash point, small quantities of flammable vapors may accumulate in headspace of container once storage exceeds 12-months.

5 – REACTIVITY DATA

STABILITY:	CONDITIONS TO AVOID:	INCOMPATIBILITY (MATERIALS TO AVOID):	HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:
Stable.	Heat, sparks, and open flame. Keep from freezing.	Strong Oxidizing Agents.	Carbon monoxide, carbon dioxide and unidentified organic compounds in black smoke.

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6 – HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Skin, eyes, inhalation.	CARCINOGEN INFORMATION: Not listed (OSHA, IARC, NTP).	MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: No applicable information found.	EFFECTS OF OVEREXPOSURE: None known.
EYE CONTACT: Liquid or vapor contact may result in eye irritation, prolonged contact may cause severe eye irritation.	SKIN CONTACT: May cause mild skin irritation.	INHALATION: May produce symptoms of headache, nausea in poorly ventilated areas.	INGESTION: Irritating to gastrointestinal tract, abdominal pain, and diarrhea.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush with large quantities of water for 15-minutes holding eyelids apart to flush entire eye surface. If persistent irritation occurs seek medical attention.	SKIN CONTACT: Wash skin with soap and water, remove and wash contaminated clothing If persistent irritation occurs seek medical attention.	INHALATION: Remove person to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing and seek immediate medical attention.	INGESTION: Drink large amounts of water or milk to dilute, allow vomiting to occur. Do NOT induce vomiting. Contact physician immediately, never give anything by mouth to an unconscious person.
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7 – PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL, LEAK, WASTE DISPOSAL PROCEDURES: Follow all precautionary instructions. Dike spill area to prevent migration to sewers or water run off areas. Soak up residue with noncombustible absorbent such as sand or soil; place in sealed containers for proper disposal.	WASTE DISPOSAL METHODS: Not classified as a hazardous waste. Dispose of in accordance with Federal, State / Provincial, and Local regulations. Contact local municipality for advice on available paint exchange/recycling program.	PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place with adequate ventilation. Keep containers closed tightly when not dispensing product. Keep product from freezing. Wash hands before eating, drinking, smoking or using toilet facilities.	WORK PRACTICES: Adopt proper work practices to avoid contact with workers and passersby; refer Product Data Sheet for precautions. Avoid eating, drinking and smoking during use. Eye wash stations in the workplace are advised. Wash hands before breaks and at end of shifts.
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8 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: When sanding or abrading the dried film, use a NIOSH approved dust/mist respirator for dust that may be released. When spraying use a NIOSH approved dust /mist filter respirator. When spraying in enclosed areas use a NIOSH approved cartridge respirator.	VENTILATION: Provide sufficient general and/or local exhaust ventilation to reduce exposure to nuisance odors. In enclosed areas provide adequate cross-ventilation.	PROTECTIVE CLOTHING AND GLOVES: Wear protective clothing to prevent prolonged skin contact. Launder contaminated clothing before reuse. Protective gloves are not necessary but desirable – use as needed to minimize skin contact.	EYE PROTECTION: Use safety glasses with unperforated side shields during transfer and application. During spray application, goggles are advised.	OTHER PROTECTIVE EQUIPMENT: None.
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9 – REGULATORY INFORMATION

SHIPPING:

Classified as non-hazardous/non-regulated by all transport modes.

NATIONAL MOTOR FREIGHT CLASSIFICATION:

NMFC 149980 Sub 2 Rate
Class: 55

SARA 313 REPORTABLE:

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

CALIFORNIA PROPOSITION 65:

This product contains no chemicals listed under California's Proposition 65.

10 – OTHER INFORMATION

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

11 – DISCLAIMER

All persons coming into contact with this product are to be made aware of the information contained in the Material Safety Data Sheet. Information presented herein has been compiled from sources considered to be reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are outside our control, it is the user's responsibility to determine the suitability of the material for a specific use and to adapt safety precautions as may be necessary.

Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize oneself with all applicable regulations.

Klaas Coatings (North America) LLC expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.

MSDS Status: Date of Revision: September 28, 2007
For Product Manufactured After: September 28, 2007