

MATERIAL SAFETY DATA SHEET

SECTION 1: Product Identification

TECHNICAL DESCRIPTION: PAINT, DIRECT-TO-METAL ACRYLIC
PRODUCT NAME: STIC-KOTE 1800 Series DTM Acrylic Paint
SKUs: SK1800W-GL, SK1800W-CN

SECTION 2: Hazardous Ingredients

Chemical	CAS Number	% by Weight	Exposure Limits in Air	
			ACGIH (TLV)	OSHA (PEL)
Titanium Dioxide	13463-67-7	17 – 22	10 mg/m3 (total dust)	15 mg/m3 (total dust)
4-oxo-4-p-tolybutyric acid with ethylmorpholine	171054-89-0	2 – 5	n/a	n/a
2-Methoxymethylethoxypropanol	34590-94-8	< .5%	100 ppm-twa	100 ppm-twa

SECTION 3: Physical/Chemical Characteristics

VOC (Volatile Organic Content): Less than 140g/L (1.0 lb./gal.)
VAPOR PRESSURE: 2.0 mmHg at 68°F
BOILING RANGE: 212–500°F (100–260°C) at 760 mmHg
WT/GAL.: 10.0 – 12.0 Lbs.
SPECIFIC GRAVITY: 1.20 – 1.44
VAPOR DENSITY: >1 (Air = 1)

SECTION 4: Fire and Explosion Hazard Data

HMS: H- 2* F- 0 R- 0

US DOT Category: not regulated
Flashpoint (TCC): NA

Hazard Class: NA
Shipping Class: NA

ID No.: NA
Packaging Group: NA

EXTINGUISHING MEDIA: Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA class IC flammable liquid fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. Isolate from heat. Closed containers may explode when exposed to extreme heat. Toxic gases may form when

product is contacted by flame or hot surfaces and may inhalation may cause a health hazard.

SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build-up and avoid auto ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are recommended. Fire fighters should wear self-contained breathing apparatus.

SECTION 5: Reactivity Data

STABILITY: Stable
INCOMPATIBILITY: Avoid contact with extreme heat.
HAZARDOUS POLYMERIZATION: Not expected to occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield Carbon Dioxide and/or Carbon Monoxide. When heated above 700°C metal fumes may be released.

SECTION 6: Spill or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Provide maximum ventilation. Remove all sources of ignition. Take up spilled material with sawdust, vermiculite, or other absorbent material and place into containers for disposal.

Environmental Control Regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

WASTE DISPOSAL METHOD: Waste material must be disposed of in accordance with Federal State, Provincial, and Local

SECTION 7: Health Hazard Data

EFFECTS OF OVEREXPOSURE:

ROUTES: Inhalation and contact with skin or eyes. **INGESTION:** Not expected from normal use. **EYE CONTACT:** Causes eye irritation. **SKIN CONTACT:** Prolonged or repeated contact may cause skin irritation. **INHALATION:** Vapor and spray mist harmful if inhaled. Vapor irritates upper respiratory tract. Repeated exposure to high vapor concentrations may cause irritation of the

respiratory system and headache or nausea. **CHRONIC OVEREXPOSURE:** This product contains Titanium Dioxide. Animals inhaling large quantities of Titanium Dioxide dust in a long-term study developed lung tumors. Studies with humans involved in manufacture of this pigment indicate no increased risk of cancer

from exposure. Potential for inhalation of Titanium Dioxide dusts from paint is considered not significant by the IARC.

redness, and swelling are conditions associated with excessive skin contact.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Redness, itching, burning sensation and visual disturbances may indicate excessive eye contact. Dryness, itching, cracking, burning,

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
Not applicable.

SECTION 8: First Aid Procedures

INGESTION: If swallowed seek immediate medical attention. If individual is drowsy or unconscious do not give anything by mouth. Do not induce vomiting unless directed to do so by medical personnel. Do not leave individual unattended.

INHALATION: If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other supportive measures as required. If symptoms develop, seek medical aid.

EYE CONTACT: In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes. Seek immediate medical attention.

OTHER: If ingested or symptoms of overexposure occurs, contact a poison control center (800) 854-6813, emergency room or physician immediately; have Material Safety Data Sheet information available.

SKIN CONTACT Remove contaminated clothing. Flush exposed area with large amount of water, launder clothing before reuse. If skin is irritated, seek immediate medical attention.

SECTION 9: Protection Information

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: Wear chemical type splash goggles or full-face shield when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapors.

and literature carefully to determine the type of airborne contaminants against which the respirator is effective and how it is to be properly fitted. Wear respirator when sanding, brushing, scraping or burning dried paint film. **VENTILATION REQUIREMENTS:** Provide general dilution or local exhaust ventilation in volume and pattern to keep the concentration of ingredients listed in Section 2 below the lowest suggested exposure limits, and to remove decomposition products during welding of flame cutting.

SKIN PROTECTION: Wear impermeable clothing sufficient to cover exposed skin surfaces. **RESPIRATORY PROTECTION:** Overexposure to vapors may be prevented by ensuring ventilation controls, vapor exhaust or fresh air entry. (NIOSH/MSHA-Approved 9TC-23C) air purifying or air supplied (TC-19C) respirators may also reduce exposure. Read respirator manufacturer's instructions

SECTION 10: Special Precautions

HANDLING PRECAUTIONS: Avoid contact with skin or eyes, avoid breathing vapors. Handle in well ventilated work space.. Do not eat, drink or smoke when handling. Wash hands after use. Airborne particles (dust) are created when sanding, abrading or scraping dry paint film and may contain hazardous materials listed in Section 2. User proper respiratory protection when sanding, abrading or scraping dry paint film.

STORAGE PRECAUTIONS: Do not store above 120°F. Keep container closed when not in use. Keep in cool, dry ventilated storage area, and store away from extreme heat sources.

OTHER PRECAUTIONS: Containers should be grounded when pouring. Avoid free fall of liquids in excess of a few inches.

SECTION 11: Transportation Information

DOT PROPER SHIPPING NAME: **Not regulated**
DOT UN NUMBER: **NA**

DOT HAZARD CLASS: **NA**
PACKING GROUP: **NA**

OTHER INFORMATION

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