

# SAFETY DATA SHEET

TEMPERKOTE® 444 WHITE AND TINTS

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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

**TRADE NAME:** TEMPERKOTE® 444 WHITE AND TINTS

**CHEMICAL FAMILY:** VINYL ACRYLIC TYPE

**MAIN USE:** THERMAL INSULATION COATING

**MANUFACTURER'S NAME / ADDRESS:** FLAME CONTROL COATINGS LLC  
4120 HYDE PARK BLVD.  
NIAGARA FALLS, N.Y. 14305

**EMERGENCY TELEPHONE NUMBER:** 800-535-5053

**ISSUE DATE:** APRIL 27, 2016

**REVISION DATE:**

**PREPARED BY:** P. PISARSKI

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** WHITE AND PASTEL TINTS

**IMPORTANT HAZARDS:** CARCINOGENICITY: CATEGORY 2B

**GHS LABEL ELEMENTS HAZARD PICTOGRAMS:**



**EMERGENCY OVERVIEW:** DANGER!  
HARMFUL IF SWALLOWED  
HARMFUL IF INHALED  
CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION  
MAY BE HARMFUL IF ABSORBED THROUGH SKIN  
POSSIBLE CANCER HAZARD  
CONTAINS MATERIAL WHICH CAN CAUSE CANCER

**PRIMARY ROUTES OF ENTRY:** EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION

**HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)**

**EYES:**

ACUTE – MAY CAUSE MILD IRRITATION WITH BLURRED VISION.

CHRONIC – ND

**SKIN CONTACT:**

ACUTE – TRANSIENT IRRITATION AND REDNESS.

CHRONIC – ND

**SKIN ABSORPTION:**

ACUTE – ND

CHRONIC – ND

**INHALATION:**

ACUTE – INHALATION OF MISTS MAY CAUSE MILD RESPIRATORY TRACT IRRITATION.

CHRONIC – EXCESSIVE EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION OF EYES, NOSE AND THROAT.

**INGESTION:**

ACUTE – MAY CAUSE MILD IRRITATION OF GASTRO-INTESTINAL TRACT

CHRONIC – ND

**CONDITIONS AGGRAVATED BY EXPOSURE:** NONE KNOWN.

**OVEREXPOSURE EFFECTS:** IRRITATION

IRRITANCY: YES - REVERSIBLE

SENSITIZER: NO

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**SUBSTANCE/MIXTURE:** MIXTURE

**OTHER MEANS OF IDENTIFICATION:** NOT AVAILABLE

<b>HAZARDOUS INGREDIENTS</b>	<b>Wt. %</b>	<b>CAS Number</b>
TRIMETHYLPENTANEDIOL MONOISOBUTYRATE	1.0-5.0	025265-77-4
TITANIUM DIOXIDE	15-30	013463-67-7
PROPYLENE GLYCOL	5-10	000057-55-6
ETHYLENE GLYCOL	0.1-1.0	000107-21-1
2-AMINO-2 METHYL-1-PROPANOL	0.1-1.0	000124-68-5

## SECTION 4: FIRST AID MEASURES

**GENERAL:** REMOVE AFFECTED PERSON FROM AREA. TREAT SYMPTOMATICALLY.

**EYES:** FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

**SKIN:** WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

**INHALATION:** MOVE TO FRESH AIR. IF BREATHING REMAINS OR BECOMES LABORED, SEEK MEDICAL ATTENTION.

**INGESTION:** GIVE 3-4 GLASSES OF MILK OR WATER. **DO NOT INDUCE VOMITING.** GET MEDICAL ATTENTION.

## SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** WATER, CO<sub>2</sub>, DRY CHEMICAL

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>

**HAZARDOUS POLYMERIZATION (REACTIVITY):** WILL NOT OCCUR.

**SPECIAL FIRE FIGHTING PROCEDURES:** NONE LIKELY WITH SMALL QUANTITIES. FOR LARGE QUANTITIES, FIREFIGHTERS AND OTHERS EXPOSED TO VAPORS OR PRODUCTS OF COMBUSTION SHOULD WEAR BUTYL RUBBER BOOTS, GLOVES AND BODY SUIT. SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS:** POLYMER FILM CAN BURN, MATERIAL CAN SPLATTER ABOVE 100°C

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** COVER SPILLS WITH ABSORBENT. PLACE IN METAL CONTAINERS FOR RECOVERY OR DISPOSAL. PREVENT ENTRY INTO SEWERS, STORM DRAINS, AND WATERWAYS.

## SECTION 7: HANDLING AND STORAGE

**GENERAL:** STORE IN COOL, WELL VENTILATED AREAS. KEEP AWAY FROM HEAT AND OPEN FLAMES. AVOID PROLONGED INHALATION OF HEATED VAPORS OR MISTS. AVOID PROLONGED SKIN CONTACT.

**STORAGE:** STORE BETWEEN 40°F AND 100°F PROTECTED FROM FROST AND DIRECT SUNLIGHT.

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

<b>INGREDIENTS (CAS)</b>	<b>EXPOSURE LIMITS (ppm)</b>				<b>OTHER</b>
	<b>OSHA</b>		<b>ACGIH</b>		
	<b>TWA</b>	<b>STEL</b>	<b>TWA</b>	<b>STEL</b>	
025265-77-4	NE	NE	NE	NE	
013463-67-7	10mg/m <sup>3</sup>	ND	10mg/m <sup>3</sup>	ND	(SEE NOTE 1)
000057-55-6	NE	NE	NE	NE	
000107-21-1	NE	NE	NE	NE	

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## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

### EXPOSURE LIMITS (ppm)

INGREDIENTS (CAS)	OSHA		ACGIH		OTHER
	TWA	STEL	TWA	STEL	
000124-68-5	NE	NE	NE	NE	

**LEGEND:** (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK  
NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

**ENGINEERING CONTROLS:** NO SPECIFIC CONTROLS NEEDED. GENERAL AND LOCAL EXHAUST RECOMMENDED.

**RESPIRATORY PROTECTION:** NONE REQUIRED IN ADEQUATELY VENTILATED AREAS. IF CONCENTRATION EXCEEDS 20ppm FOR LONGER THAN 15 MINUTES, A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IS RECOMMENDED.

**PROTECTIVE GLOVES:** NITRILE RUBBER

**EYE PROTECTION:** SPLASH-PROOF GOGGLES OR CHEMICAL SAFETY GLASSES

**OTHER PROTECTIVE EQUIPMENT:** LONG SLEEVED SHIRTS AND TROUSERS. EMERGENCY EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

**PHYSICAL STATE:** LIQUID

**COLOR:** WHITE AND PASTEL COLORS

**ODOR:** MILD

**pH:** 8.0-11.5

**MELTING POINT:** ND

**BOILING POINT:** 100°C (>212°F)

**FLASHPOINT:** NA

**EVAPORATION RATE:** <1 (BUTYL ACETATE = 1)

**% SOLIDS BY WT:** 50%

**FLAMMABLE LIMITS:** NOT AVAILABLE

**LOWER EXPLOSION LIMIT:** NA

**UPPER EXPLOSION LIMIT:** NA

**VAPOR PRESSURE:** NA

**VAPOR DENSITY:** >1 (AIR = 1)

**SPECIFIC GRAVITY:** 1.2-1.3

**COEFFICIENT OF WATER/OIL DISTRIBUTION:** ND

**AUTO IGNITION TEMP:** NA

**% VOLATILES BY VOLUME:** 61%

## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** AVOID ELEVATED TEMPERATURES

**INCOMPATIBILITY (MATERIAL TO AVOID):** NONE KNOWN

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE KNOWN

**HAZARDOUS POLYMERIZATION (REACTIVITY):** WILL NOT OCCUR

**CONDITIONS TO AVOID:** KEEP FROM FREEZING

## SECTION 11: TOXICOLOGICAL INFORMATION

### **CARCINOGENICITY**

PRODUCT/INGREDIENT NAME	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

TERATOGENICITY: ND  
EMBRYOTOXICITY: ND

MUTAGENICITY: ND  
SYNERGISTIC MATERIAL: ND

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## SECTION 11: TOXICOLOGICAL INFORMATION (CON'T)

**ACUTE TOXICITY EFFECTS:** NA

LONG TERM EXPERIENCE OF THIS PRODUCT TYPE INDICATES NO DANGER TO HEALTH WHEN PROPERLY HANDLED UNDER INDUSTRIAL CONDITIONS.

## SECTION 12: ECOLOGICAL INFORMATION

**TOXICITY:** NA

**PERSISTANCE AND DEGRADABILITY:** NA

**BIOACCUMULATIVE POTENTIAL:** NA

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** AT THIS TIME, MATERIAL AND ITS CONTAINERS WOULD NOT BE CONSIDERED HAZARDOUS WASTE AS DEFINED UNDER RCRA REGULATIONS. CHECK FOR DISPOSAL COMPLIANCE UNDER FEDERAL, STATE AND LOCAL AUTHORITIES.

## SECTION 14: TRANSPORT INFORMATION

**DOT PROPER SHIPPING NAME:** LIQUID LATEX, NOT REGULATED BY DOT

**HAZARD CLASS:** NONE

**PACKING GROUP:** NOT APPLICABLE

**UN NUMBER:** NOT APPLICABLE

**IMO SHIPPING DATA:** NOT REGULATED

**ICAO/IATA SHIPPING DATA:** NOT REGULATED

## SECTION 15: REGULATORY INFORMATION

**MATERIAL VOC** = 143 gram/ liter

**COATING VOC** = 270 gram/liter

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** ALL COMPONENTS ARE LISTED IN THE TSCA CHEMICAL SUBSTANCE INVENTORY.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT):** ND

**SARA TITLE III**

**SECTION 312 HAZARD CLASS:** SLIGHT HEALTH HAZARD

**SECTION 313 LISTED INGREDIENTS:** NONE

**CALIFORNIA PROPOSITION 65:** The below list of compounds is known to the State of California to cause cancer, birth defects or other reproductive harm:

## SECTION 16: OTHER INFORMATION

### HAZARD RATING

**HMIS:** HEALTH 1 FLAMMABILITY 0 REACTIVITY 0

### LEGEND

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGEIENISTS

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

STEL: SHORT TERM EXPOSURE LIMIT

TWA: TIME WEIGHTED AVERAGE

PEL: PERMISSABLE EXPOSURE LIMIT

TLV: THRESHOLD LIMIT VALUE

NA: NOT APPLICABLE

NE: NOT ESTABLISHED

ND: NO DATA

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