

# C.L. SMITH INDUSTRIAL CO.

2972 ARNOLD TENBROOK ROAD, ARNOLD MO 63010 \*\* PHONE: 636-296-1036 FAX: 636-296-0944

## MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910, 1200

Date of Preparation: 1/1/07 HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 1 OTHER - NONE

### SECTION 1 - MATERIAL IDENTIFICATION

**PRODUCT NAME: CLS 444 - Hi-Temperature Red Silicone**

PRODUCT APPEARANCE: Paste like, red, Acidic Acid Odor

CHEMICAL NAME: ACETOXYSILANE

DOT HAZARD CLASSIFICATION: NONE

#### EMERGENCY TELEPHONE NUMBERS:

1-800-535-5053 --- INFOTRAC

1-636-296-1036 --- C.L.SMITH IND.

### SECTION 2 - HAZARDOUS INGREDIENTS

#### OCCUPATIONAL EXPOSURE LIMITS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>PEL/TLV-TWA</u>	<u>STEL-TWA</u>
Acetoxysilane	T/S	N/E	N/E

N/E - Not Established

T/S - Trade Secret

S - Skin

Listed above are the hazardous component(s) as defined in 40 CFR 172 and 29 CFR 1010 which are present in this product and all components which appear on the hazardous substance list of any state

### SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

The following data represents approximate or typical values. They do not constitute product specifications.

BOILING RANGE: >300 F

MELTING POINT: N/A

DENSITY: 1.05

PERCENT VOLATILE: LESS THAN 5%

VAPOR DENSITY (AIR=1): NOT VOLATILE

VAPOR PRESSURE (mm Hg): LESS THAN 5MM

EVAPORATION RATE: LESS THAN 1%

WATER MISCIBILITY: LESS THAN .01%

### SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: >250 F

LOWER FLAMMABILITY LIMIT:

N/A

TEST METHOD: SETAFLASH CLOSED CUP

UPPER FLAMMABLE LIMIT: N/A

RECOMMENDED EXTINGUISHING MEDIA:

FOAM, CARBON DIOXIDE.

#### SPECIAL FIRE FIGHTING PROCEDURES:

FIREFIGHTERS SHOULD WEAR PROTECTIVE GOGGLES AND SELF CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF SMOKE OR VAPORS. REMOVE ALL IGNITION SOURCES.

#### UNUSUAL FIRE OR EXPLOSION HAZARDS (CONDITIONS TO AVOID):

MAY PRODUCE HAZARDOUS FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.

### SECTION 5 - REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

INCOMPATIBILITY: Strong oxidizers, epoxy resin, and amine mixtures especially when hot.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide and Phenolics.

CONDITIONS TO AVOID: High heat, amines, strong oxidizers acids and bases.

**SECTION 6 - HEALTH HAZARD DATA****EFFECTS OF OVEREXPOSURE:**

**INHALATION:** May cause nasal irritation, central nervous system depression, or lung injury.

**EYE CONTACT:** Mild or moderate irritation, possible minor temporary cornea injury.

**SKIN CONTACT:** May cause skin irritation on prolonged or repeated exposure.

**SKIN ABSORPTION:** Not considered toxic.

**PERMISSIBLE EXPOSURE LEVEL:** none assigned

**CHRONIC EFFECTS OF OVEREXPOSURE:** None.

**EMERGENCY & FIRST AID PROCEDURES:**

**EYES:** Flush with plenty of water and get medical attention. Keep eye lids apart. Wash within 1 minute of contact for maximum results.

**SKIN:** Promptly wipe clean with paper or cloths and wash with soap and water. Remove contaminated clothing before reuse.

Attention should be paid to hair, nose and eyes.

**INHALATION:** In case of exposure to high concentration of vapor or mist, remove person to fresh air.

**INGESTION:** If large amounts are swallowed, induce vomiting. Seek medical attention. May cause burns to mouth and throat.

**PRIMARY ROUTES OF ENTRY:** Inhalation. Ingestion. Skin and Eye contact.

**CARCINOGENITY:** This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.

**SECTION 7 - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Ventilate area. Absorb spill with suitable absorbent material and place into a closed container.

Prevent material from entering waterways. Wear protective equipment during cleanup. Use eye and skin protection

**WASTE DISPOSAL METHOD:**

Incinerate or use biological treatment in accordance with federal, state and local regulations.

For further information, contact: EPA - RCRA HOTLINE (1-800-424-9346).

**SECTION 8 - SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION:**

Should be worn to avoid breathing spray mist, heated vapors or if TLV is exceeded. Acid vapor type.

**VENTILATION:**

Local exhaust and general ventilation recommended.

**PROTECTIVE GLOVES:**

Impervious gloves. Apply barrier cream before exposure. Do not apply cream after exposure.

**EYE PROTECTION:**

Chemical splash goggles.

**OTHER PROTECTIVE EQUIPMENT:**

As required to prevent wetting of skin and clothing.

**SECTION 9 - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

This material may cause sensitization. Do not get in eyes, on skin or clothing. Do not allow clothing to contact skin. Avoid contact with vapors or fumes.

**SPECIAL PRECAUTIONS:**

Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light.

Store at temperatures below 120 F. Remove all contaminated clothing, shoes, belts, and other leather goods immediately.

Solvents should not be used to clean skin because of increased penetration potential. Wash contaminated clothing before reuse.

**SECTION 10 - SUPPLEMENTAL INFORMATION**

**REGULATORY INFORMATION:** N/A

**SARA HAZARD CLASSIFICATION:** SARA Title III Regulations (40 CFR 370): Acute

**SARA SECTION 313 LISTED INGREDIENTS:**

This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

**DOT PROPER SHIPPING NAME:**

SILICONE

**UN NUMBER:** N/A