

MATERIAL SAFETY DATA SHEET - 16 Sections

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier 500° RTV SILICONE SEALANT, BLACK ITEM 76, 76A			
Product Use ADHESIVE AND SEALANT FOR ANY USE WHERE TEMPERATURES CONDITIONS DO NOT EXCEED 450°F			
Manufacturer's Name RUTLAND FIRE CLAY COMPANY		EMERGENCY CONTACT CHEMTREC	
Street Address 7 CRABTREE ROAD		EMERGENCY DOMESTIC PHONE NUMBER 800-424-9300	
City JACKSONVILLE	State IL	EMERGENCY INTERNATIONAL CONTACT NUMBER 703-527-3887	
Zip code 62650			
Date MSDS Prepared November 29, 2010	MSDS Prepared By GENE ADDISON	Phone Number 217-245-7810	

SECTION 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
NONE				

SECTION 3 -- HAZARD IDENTIFICATION

Route of Entry <input type="checkbox"/> SKIN CONTACT <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE CONTACT <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION
[Emergency Overview] UNCURED SILICONE CAN CAUSE MILD SKIN IRRITATIONS & IRRITATIONS OF MUCOUS MEMBRANES
[Potential Health Effects] ROUTES OF ENTRY TARGET ORGANS IRRITANCY SENSITIZING CAPABILITY REPRODUCTIVE EFFECTS CANCER INFORMATION

SECTION 4 -- FIRST AID MEASURES

Skin Contact REMOVE WITH DRY TOWEL OR CLOTH, WASH EXPOSED AREA WITH DETERGENT
Eye Contact IMMEDIATELY FLUSH WITH COPIOUS AMOUNT OF WATER FOR AT LEAST 15 MINUTES & CALL A PHYSICIAN
Inhalation REMOVE TO FRESH AIR
Ingestion WASH OUT MOUTH WITH WATER IF PERSON IS CONSCIOUS. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON/ SEEK MEDICAL ATTENTION IMMEDIATELY

Product Identifier

SECTION 5 -- FIRE FIGHTING MEASURES

Flammable BURNS ONLY IN DIRECT FLAME	If yes, under what conditions	
Means of Extinction WATER SPRAY, FOAM, CARBON DIOXIDE, OR DRY CHEMICAL		
Flashpoint (°F) and Method N/A		
Auto ignition Temperature (°F) N/A		
Hazardous Combustion Products		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Environmental Precautions CONTAIN SPILL OR LEAK
Cleanup Procedures SHUT OFF ALL IGNITIONS SOURCES SCRAPE UP WITH RAGS OR TOOLS AND PLACE IN CONTAINER
Personal Protection WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT

SECTION 7 -- HANDLING AND STORAGE

<p>Handling Procedures and Equipment</p> <p>KEEP CONTAINER AWAY FROM HEAT, SPARKS, AND OPEN FLAME. USE ONLY WITH ADEQUATE VENTILATION AVOID PROLONGED BREATHING OF VAPORS AVOID CONTACT WITH EYES AND SKIN</p> <p>Special Mixing and Handling Instructions</p> <p>DO NOT REUSE CONTAINER KEEP AWAY FROM CHILDREN DO NOT PUNCTURE OR CUT CONTAINER EXCEPT AS DIRECTED</p>
<p>Storage Requirements</p> <p>STORE IN A COOL PLACE KEEP CONTAINER TIGHTLY CLOSED AND PROPERLY LABELED.</p>

SECTION 8 -- EXPOSURE CONTROL / PERSONAL PROTECTION

<p>Exposure Limits</p> <p><input checked="" type="checkbox"/> ACGIH TLV <input checked="" type="checkbox"/> OSHA PEL <input type="checkbox"/> OTHER (Specify)</p> <p>10 ppm, STEL 15 ppm TWA 10 ppm, 8Hr</p>
<p>Specific Engineering Controls (Such as ventilation, enclosed process)</p> <p>USE WITH ADEQUATE VENTILATION, MECHANICAL VENTILATION IS RECOMMENDED DURING CURING PROCESS</p>
<p>Personal Protective Equipment</p> <p><input checked="" type="checkbox"/> GLOVES <input type="checkbox"/> RESPIRATOR <input checked="" type="checkbox"/> EYEWEAR <input type="checkbox"/> FOOTWEAR <input type="checkbox"/> CLOTHING <input type="checkbox"/> OTHER</p>
<p>If checked, please specify type</p> <p>GLOVES USE LATEX, VINYL, OR RUBBER GLOVES WHILE WORKING WITH UNCURED PRODUCT</p> <p>EYEWEAR WEAR GLASSES OR SAFETY GLASSES WHILE APPLYING UNCURED PRODUCT</p>

Product Identifier

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Odor and appearance UNCURED PRODUCT SMELLS STRONGLY LIKE VINEGAR	Odor Threshold (ppm)
Specific Gravity 1.03	Vapor Density (Air = 1) >1	Vapor Pressure (mmHg) NEGLECTIBLE
Evaporation Rate (Butyl Acetate=1) <1	Boiling Point (°F) N/A	Freezing Point (°F) N/A
pH N/A	Coefficient of Water/Oil Distribution N/A	[Solubility in Water] NONE

SECTION 10 -- STABILITY AND RELIABILITY

Chemical Stability <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If no, under which conditions?
Incompatibility with other substances <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CURED	If yes, which ones?
Reactivity, and under what conditions? AVCOIDD CONTACT WITH AIR & HUMIDITY UNTIL READY TO APPLY. CAUSES MATERIAL TO BEGIN CURING & THE EMISSION OF ACETIC ACID VAPORS.	
Hazardous Decomposition Products HIGH DECOMPOSITION AND FIRE MAY RELEASE CARBON OXIDES, TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS, SILICON DIXIDE, AND/OR FORMALDEHYDE.	

SECTION 11 -- TOXICOLOGICAL INFORMATION

Effects of Acute Exposure DECOMPOSED PRODUCT EXHIBITED SOME IRRITATIONS DUE TO GENERATION OF ACETIC ACID SKIN-RABBIT 20mg/24 hr MODERATE EYE-RABBIT 0.05 mg(open) SEVERE LD ₅₀ RAT 3.31 g/kg ORAL LC ₅₀ MOUSE 5620 PPM/Hr INHALATION	
Effects of Chronic Exposure NO EFFECTS REPORTED	
Irritancy of Product NONE - CURED	
Skin Sensitization NONE - CURED	Respiratory Sensitization NONE - CURED
Carcinogenicity-IARC NOT LISTED	Carcinogenicity-ACGIH NOT LISTED
Reproductive Toxicity NOT LISTED	Teratogenicity NOT LISTED
Embryotoxicity NOT LISTED	Mutagenicity NOT LISTED
Name of Synergistic Products/Effects	

Product Identifier

SECTION 12 -- ECOLOGICAL INFORMATION

Aquatic Toxicity	NO TOXICITY KNOWN
Biodegradation	NO INFORMATION AVAILABLE
Bioaccumulation	NO INFORMATION AVAILABLE

SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal	DISPOSE OF ALL WASTE IN ACCORD WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS
	CURED PRODUCT CAN BE LAND-FILLED

SECTION 14 -- TRANSPORT INFORMATION

Special Shipping Information	
TECHNICAL SHIPPING NAME	PIN
NONE	
TDG	[DOT]
NOT REGULATED	NOT REGULATED
[IMO]	[ICAO]
NOT REGULATED	NOT REGULATED

SECTION 15 -- REGULATORY INFORMATION

SARA SECTION 302 RQ & TPQ	[OSHA]
NONE KNOWN	NO OSHA HAZARDOUS MATERIALS IN PRODUCT
SARA SECTION 313	[TSCA] ALL INGREDIENTS ON TSCA LIST
NONE KNOWN	SIGNIFICANT NEW USE RULE
CLEAN AIR ACT	[TSCA] HEALTH & SAFETY REPORTING LIST
CONTAINS NO HAZARDOUS AIR POLLUTANTS	NOT ON LIST
CLEAN WATER ACT	CHEMICAL TEST RULES
NOT LISTED AS PRIORITY OR TOXIC POLLUTANT	NOT UNDER RULES
	SECTION 12b
	NOT LISTED
STATE RIGHT TO KNOW LISTS	CERCLA
CALIFORNIA - LESS THAN 0.1% TOLUENE	NOT REPORTABLE
EUROPEAN /INTERNATIONAL REGULATIONS	
HAZARDOUS LABELING IN ACCORDANCE WITH EC DIRECTIVES	NON HAZARDOUS
HAZARD SYMBOLS	
RISK PHRASES	
SAFETY PHRASES	

SECTION 16 -- OTHER INFORMATION

<p>THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS, TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO EVENT SHALL RUTLAND FIRE CLAY COMPANY BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF RUTLAND HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p>	
HMIS Rating	NFPA Rating
Health : 1	Health : 1
Flammability : 1	Flammability : 1
Reactivity : 0	Reactivity : 0