

MATERIAL SAFETY DATA SHEET - 16 Sections

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier RUTLAND 1200° STOVE PAINT - BRUSH ON ITEM 81, 81A, 81Q		
Product Use USE TO RESTORE BLACK COLOR TO SAND-BLASTED STOVES AND RE-BLACKEN BBQ GRILLS, MAILBOXES, LAMPPOSTS, AND IRONS, ETC.		
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 4, 2010	MSDS Prepared By GENE ADDISON	Phone Number 217-245-7810

SECTION 2 -- COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	TLV-TWA	ACGIH TLV	OTHER LIMITS RECOMMENDED
METHYL ETHYL KETONE	TRADE SECRET	00078-93-3	200 PPM	200 PPM	70 MMHg/20°C
AROMATIC HYDROCARBON	TRADE SECRET	64742-95-6	100 PPM	100 PPM	3 MMHg/20°C
TOLUENE	TRADE SECRET	00108-88-3	50 PPM	50 PPM	22 MMHg/20°C
XYLENE	TRADE SECRET	01330-20-7	100 PPM	100 PPM	6 MMHg/20°C
ALIPHATIC PETROLEUM DISTILLATE	TRADE SECRET	64742-89-8	300 PPM	300 PPM	15 MMHg/20°C
ISOBUTYL ALCOHOL	TRADE SECRET	00078-83-1	400 PPM	50 PPM	33 MMHg/20°C
MINERAL SPRITS	TRADE SECRET	08052-41-3	100 PPM	10 MG/M3	2.6 MMHg/20°C
			MAX VOC 5.64 LBS. PER GAL. (675 g/l)		

SECTION 3 -- HAZARD IDENTIFICATION

Route of Entry	
<input checked="" type="checkbox"/> SKIN CONTACT	<input checked="" type="checkbox"/> SKIN ABSORPTION
<input checked="" type="checkbox"/> EYE CONTACT	<input checked="" type="checkbox"/> INHALATION
<input type="checkbox"/> INGESTION	
[Emergency Overview] THIS MATERIAL IS HAZARDOUS BY OSHA HAZARD COMMUNICATION DEFINITION	
[Potential Health Effects]	
TARGET ORGANS	EYES, LUNGS, SKIN
IRRITANCY	CAN CAUSE SEVERE EYE IRRITATION, REDNESS, TEARING, & BLURRED VISION. MODERATE DERMATITIS & DEFATTING OF SKIN. EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL & RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS & ASPHYXIATION.
SENSITIZING CAPABILITY	N.E.
REPRODUCTIVE EFFECTS	N.E.
CANCER INFORMATION	N.E.

SECTION 4 -- FIRST AID MEASURES

Skin Contact	IMMEDIATELY WASH WITH SOAP AND WATER AND RINSE THOROUGHLY
Eye Contact	FLUSH EYES FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN
Inhalation	MOVE TO FRESH AIR. CONSULT A DOCTOR IF NEEDED.
Ingestion	NOT LIKELY TO OCCUR, DO NOT INDUCE VOMITING.

Product Identifier

SECTION 5 -- FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If yes, under what conditions IF VAPORS ARE GENERATED	
Means of Extinction CO2, DRY CHEMICAL, FOAM, WATER FOG		
Flashpoint (°F) and Method 24° TCC		
Auto ignition Temperature (°F) N/D		
Hazardous Combustion Products NO INFORMATION		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Environmental Precautions PREVENT SPILL FROM REACHING DRAINS OR WATERWAYS
Cleanup Procedures DIKE AND CONTAIN SPILL WITH AN INERT MATERIAL & TRANSFER LIQUID TO CONTAINERS FOR RECOVERY OR DISPOSAL.
Personal Protection USE RESPIRATORS IF SPILL VOLUME IS LARGE. SAFETY GLASSES AND PROTECTIVE CLOTHING ARE RECOMMENDED ADEQUATE VENTILATION IS RECOMMENDED

SECTION 7 -- HANDLING AND STORAGE

Handling Procedures and Equipment AVOID CONTACT WITH EYES, SKIN, & CLOTHING
Special Mixing and Handling Instructions NO SPECIAL REQUIREMENTS
Storage Requirements KEEP CONTAINER TIGHTLY CLOSED AND PROPERLY LABELED.

SECTION 8 -- EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input checked="" type="checkbox"/> OTHER (Specify) SEE SECTION 2
Specific Engineering Controls (Such as ventilation, enclosed process) USE ADEQUATE VENTILATION IF SIGNIFICANT VAPORS IS BEING GENERATED
Personal Protective Equipment <input checked="" type="checkbox"/> GLOVES <input checked="" type="checkbox"/> RESPIRATOR <input checked="" type="checkbox"/> EYEWEAR <input type="checkbox"/> FOOTWEAR <input checked="" type="checkbox"/> CLOTHING <input type="checkbox"/> OTHER
If checked, please specify type ORGANIC VAPOR RESPIRATORS SHOULD BE WORN IF SPILL IS LARGE. GLOVES, SAFETY GLASSES, PROTECTIVE CLOTHING IS RECOMMENDED.

Product Identifier**SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

Physical State LIQUID	Odor and appearance SOLVENT ODOR - BLACK	Odor Threshold (ppm) N/D
Specific Gravity 0.8577	Vapor Density (Air = 1) HEAVIER THAN AIR	Vapor Pressure (mmHg) N/D
Evaporation Rate (Butyl Acetate=1) SLOWER THAN ETHER	Boiling Point (°F) 175° - 383°F	Freezing Point (°F) N/D
pH N/D	Coefficient of Water/Oil Distribution N/D	[Solubility in Water] INSOLUBLE

SECTION 10 -- STABILITY AND RELIABILITY

Chemical Stability <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If no, under which conditions?
Hazardous Polymerization <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	If yes, which ones?
Reactivity , and under what conditions? AVOID STRONG OXIDIZING AGENTS	
Hazardous Decomposition Products OXIDES OF CARBON	

SECTION 11 -- TOXICOLOGICAL INFORMATION

Effects of Acute Exposure SEE SECTION III	
Effects of Chronic Exposure N/D	
Irritancy of Product N/D	
Skin Sensitization N/D	Respiratory Sensitization N/D
Carcinogenicity-IARC N/D	Carcinogenicity-ACGIH N/D
Reproductive Toxicity N/D	Teratogenicity N/D
Embryotoxicity N/D	Mutagenicity N/D
Name of Synergistic Products/Effects N/D	

Product Identifier

SECTION 12 -- ECOLOGICAL INFORMATION

LD50 of Product (specify species and route)	N/D
LC50 of Product (specify species)	N/D

SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal
DISPOSE OF ALL WASTE IN ACCORD WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS

SECTION 14 -- TRANSPORT INFORMATION

Special Shipping Information	
TECHNICAL SHIPPING NAME PAINT, 3, UN1263,PG I	PIN
TDG UN1263, PAINT, 3, I	[DOT] ORM-D FOR PINTS & QUARTS UN1263, PAINT, 3, I FOR 5 GALLONS
[IMO] UN1263, PAINT, 3, I	[ICAO] UN1263, PAINT, 3, I

SECTION 15 -- REGULATORY INFORMATION

SARA SECTION 302 RQ & TPQ NONE KNOWN	[OSHA] AL OSHA HAZARDOUS MATERIALS IN PRODUCT ARE LISTED IN SECTION TWO
SARA SECTION 313 TOLUENE RQ 1000 LB XYLENE RQ 1000 LB METHYL ETHYL KETONE RQ 5000 LB	[TSCA] ALL INGREDIENTS ON TSCA LIST SIGNIFICANT NEW USE RULE
CLEAN AIR ACT CONTAINS NO HAZARDOUS AIR POLLUTANTS CLEAN WATER ACT NOT LISTED AS PRIORITY OR TOXIC POLLUTANT	[TSCA] HEALTH & SAFETY REPORTING LIST NOT ON LIST CHEMICAL TEST RULES NOT UNDER RULES SECTION 12b NOT LISTED
STATE RIGHT TO KNOW LISTS CA-THIS PRODUCT MAY CONTAIN TRACE AMOUNTS OF SOME CHEMICALS CONSIDERED BY THE STATE OF CALIFORNIA TO BE CARCINOGENS OR REPRODUCTIVE TOXICANTS EUROPEAN /INTERNATIONAL REGULATIONS HAZARDOUS LABELING IN ACCORDANCE WITH EC DIRECTIVES	CERCLA NOT REPORTABLE NON HAZARDOUS

SECTION 16 -- OTHER INFORMATION

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.	
HMIS Rating	NFPA Rating
Health : 2	Health : 2
Flammability : 3	Flammability : 3
Reactivity : 0	Reactivity : 0