



## MATERIAL SAFETY DATA SHEET

**PRODUCT TRADE NAME:**

**HOMAX PRODUCTS, INC.  
STEEL WOOL**

### SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME:  
RHODES AMERICAN  
1540 E. DUNDEE RD SUITE 210  
PALATINE, IL 60623

**24 HOUR EMERGENCY PHONE NUMBER:**  
CHEMTREC 1-800-424-9300  
INFORMATION PHONE NUMBER: 1-800-729-9029  
DATE OF PREPARATION: 06/30/03

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

NON HAZARDOUS INGREDIENTS CAS #	STEEL NIOSH (RTECS)	100%		
7439-89-6	N06925000		Fe - 98%	Si - .35%
7440-44-0	FF580000		C - .7%-.14%	
7439-96-5	009275000		Mn - .95%MAX. P - .08% MAX. S - .05% MAX.	

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR: GRAY FINE STEEL WOOL FIBER, NO ODOR  
BOILING POINT: 2750 DEGREES C  
VAPOR PRESSURE (MMHG/70F) N/A  
MELTING POINT: 1535 DEGREES C  
VAPOR DENSITY (AIR =1) N/A  
SPECIFIC GRAVITY (WATER=1) 7.8  
EVAPORATION RATE N/A  
SOLUBILITY IN WATER NOT SOLUBLE

### SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): 250 DEGREES C  
LEL: N/A UEL: N/A  
N/A  
EXTINGUISHING MEDIA: WATER/CARBON DIOXIDE  
SPECIAL FIRE FIGHTING WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT

PROCEDURES:  
 UNUSUAL FIRE AND EXPLOSION AVOID CONTACT WITH INCOMPATIBLE MATERIAL.  
 HAZARDS:

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### SECTION V – REACTIVITY DATA

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STABILITY:

MATERIAL IS STABLE.

INCOMPATIBILITY (MATERIALS TO AVOID):

AVOID CONTACT WITH OPEN FLAMES & ELECTRICITY.

HAZARDOUS DECOMPOSITION PRODUCTS:

HYDROGEN IS FORMED WHEN IN CONTACT WITH MINERAL ACIDS.

HAZARDOUS POLYMERIZATION:

NO

CONDITIONS TO AVOID: (POLY)

NOT RELEVANT

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### SECTION VI – HEALTH HAZARD DATA

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LD50-LC50 MIXTURE: NOT GIVEN FOR PRODUCT AS A WHOLE

ROUTE OF ENTRY: INHALATION: YES SKIN: NO INGESTION: YES

HEALTH HAZARDS ACUTE & CHRONIC: NONE APPLICABLE

CARCINOGENICITY: NTP: NO IARC: NO OSHA: NO

EXPLANATION OF CARCINOGENICITY: CONTAINS NO INGREDIENTS THAT ARE CARCINOGENS OR SUSPECTED CARCINOGENS

SIGNS/SYMPTOMS OF EXPOSURE: EYE IRRITATION

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: UPPER RESPIRATORY DISEASE.

EMERGENCY/FIRST AID PROCEDURES: IRRIGATE EYES-CALL PHYSICIAN IMMEDIATELY

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### SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN INCASE MATERIAL IS RELEASED OR SPILLED:

SWEEP UP MATERIAL FOR DISPOSAL. GLOVE RECOMMENDED.

WASTE DISPOSAL METHOD:

GENERAL BULD DISPOSAL METHOD.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

USE PROTECTIVE GLOVES. STORE AWAY FROM OXIDIZING AGENTS & MINERAL ACIDS.

NEUTRALIZING AGENTS:

NONE

OTHER PRECAUTIONS:

NONE

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### SECTION VIII – CONTROL MEASURES

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RESPIRATORY PROTECTION: NIOSH APPROVED DUST MASK.

VENTILATION: LOCAL EXHAUST

PROTECTIVE GLOVES: WORK GLOVES RESISTANT TO ABRASION.

EYE PROTECTION: GOGGLES RECOMMENDED

OTHER PROTECTIVE CLOTHING & EQUIPMENT: NONE

WORK HYGENIC PRACTICES: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING & DRINKING

SUPPLIER SAFETY & HEALTH DATA: NONE

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### SECTION VIII- TRANSPORTATION DATA

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DOT PSN CODE: NONE                    DOT PROPER SHIPPING NAME: NOT REGULATED  
IMO PSN CODE: NONE                    IMO PROPER SHIPPING NAME: NOT REGULATED  
IATA PSN CODE: NONE                   IATA PROPER SHIPPING NAME: NOT REGULATED  
AFI PSN CODE: NONE                    AFI PROPER SHIPPING NAME: NOT REGULATED

DISPOSAL DATA:                        NONE  
LABEL DATA:                            LABEL REQUIRED: YES  
MFR LABEL: NONE                        LABEL STATUS: F  
COMMON NAME: STEEL WOOL FIBERS      SIGNAL WORD: CAUTION!  
CHRONIC HAZARD: NO  
ACUTE HEALTH HAZARD: NONE  
CONTACT HAZARD: NONE  
FIRE HAZARD: SLIGHT  
REACTIVITY HAZARD: SLIGHT