

# MATERIAL SAFETY DATA SHEET

## ROYAL SHEEN® ALUMINUM BRITE

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product.



5340 Mayfair Road North Canton OH 44720 800-83SHEEN

### I. GENERAL INFORMATION

PRODUCT NAME: ROYAL SHEEN® ALUMINUM BRITE	DATE PREPARED: JANUARY 2004
TELEPHONE NUMBERS: 1-800-424-9300 CHEMTREC 1-330-494-9535 S/S CAR CARE	SIGNATURE OF PREPARER: ANDRAS NAGY - CHEMIST

### II. SUMMARY OF HAZARDS

COMPONENTS	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
PHOSPHORIC ACID (CAS#7664-38-2), <20%	1MG/M <sup>3</sup>	1MG/M <sup>3</sup>	STEL 3MG/M <sup>3</sup>
SULFURIC ACID (CAS#7664-93-9), <25%	1MG/M <sup>3</sup>	1MG/M <sup>3</sup>	STEL 3MG/M <sup>3</sup>
2-BUTOXYETHANOL (CAS#111-76-2), <3%	25 PPM	25 PPM	

None of the other ingredients are classified hazardous according to the criteria of OSHA's 29 CFR 1910.1200. The precise composition of this mixture is considered proprietary information. A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency.

### III. PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: NA	SPECIFIC GRAVITY: 1.30
SOLUBILITY IN WATER: COMPLETE	APPEARANCE AND ODOR: ACID FUMING LIQUID WITH CHARACTERISTIC ODOR

### IV. FIRE & EXPLOSION DATA

EXTINGUISHING MEDIA: WATERFOG OR WATERSPRAY
SPECIAL FIRE FIGHTING PROCEDURES: DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER BREATHING PROTECTION, SUCH AS A SELF CONTAINED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARDS: ACID REACTS WITH MOST METALS TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURE WITH AIR.

### V. REACTIVITY DATA

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ALKALINES ORGANIC MATERIALS	STABILITY: MATERIAL IS STABLE	
HAZARDOUS DECOMPOSITION: INCOMPLETE COMBUSTION MAY GENERATE CARBON MONOXIDE AND TOXIC FUMES	HAZARDOUS POLYMERIZATION: NONE	CONDITIONS TO AVOID: AVOID HIGH TEMPERATURES

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## VI. HEALTH HAZARDS

ROUTE OF EXPOSURE	SIGNS & SYMPTOMS	PRIMARY ROUTES
INHALATION	MIST CAN CAUSE RESPIRATORY IRRITATION. AT FIRST SIGN OF IRRITATION MOVE FROM CONTAMINATED AREA TO FRESH AIR . IF IRRITATION CONTINUES SEEK MEDICAL ASSISTANCE.	✓
EYE CONTACT	IMMEDIATELY FLUSH EYES WITH WATER OR STERILE EYE WASH FOR 15 MINUTES . SEEK IMMEDIATE MEDICAL ATTENTION	✓
SKIN ABSORPTION & IRRITATION	REMOVE CONTAMINATED CLOTHING ; WASH SKIN WITH WATER AND SOAP; IF CONTACT IS SEVERE SEEK MEDICAL ATTENTION	✓
INGESTION	WILL CAUSE THROAT DAMAGE. DILUTE BY DRINKING WATER OR MILK. GET MEDICAL ATTENTION ; DO NOT INDUCE VOMITING.	✓
CARCINOGENICITY	NOT CONSIDERED CARCINOGENIC	
OSHA REGULATED	YES , SEE SUMMARY OF HAZARDS FOR SPECIFIC LIMITS.	

## VII. HANDLING OF SPILLS & LEAKS

PROCEDURES FOR CLEAN-UP	STOP RELEASE IF FEASIBLE WITHOUT RISK. ISOLATE LARGE SPILLS. PACKAGE WASTE IN SUITABLE CONTAINER FOR DISPOSAL
WASTE DISPOSAL METHOD	DISPOSE OF IN ACCORDANCE WITH FEDERAL , STATE AND LOCAL REGULATIONS
HANDLING PROCEDURES	WHEN DILUTING THE PRODUCT ALWAYS USE COLD WATER , SLOWLY ADDING SMALL AMOUNTS OF PRODUCT TO WATER . STORE IN PLASTIC CONTAINERS OR EPOXY-LINED CARBON STEEL CONTAINERS

## VIII. SAFETY & CONTROL MEASURES

RESPIRATORY PROTECTION	WHERE MIST RESULTS FROM USAGE A NIOSH/MESA APPROVED RESPIRATOR SHOULD BE WORN. VENTILATION IS REQUIRED AT ELEVATED TEMPERATURES.
EYE PROTECTION	CHEMICAL TYPE GOGGLES ARE REQUIRED
SKIN PROTECTION	CHEMICAL RESISTANT GLOVES ARE RECOMMENDED
ENGINEERING CONTROLS	NA
OTHER HYGIENIC AND WORK PRACTICES	AVOID CONTACT WITH SKIN , WEAR IMPERVIOUS CLOTHING, AND PRACTICE GOOD PERSONAL HYGIENE.

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