

## SECTION I

MANUFACTURER'S NAME: GRAHAM PAINT & VARNISH CO.  
STREET ADDRESS: 4100 W 76<sup>TH</sup> STREET - UNIT G  
CITY, STATE, ZIP CODE: CHICAGO, IL 60652  
EMERGENCY PHONE NUMBER: 800/424-9300  
INFORMATION PHONE NUMBER: 800/255-2628  
PRODUCT CODE: 803-28 & 803-29  
PRODUCT NAME: ROYAL GARD POLYURETHANE GLOSS/SATIN VARNISH  
PRODUCT CLASS: PAINT, SOLVENT BASED

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	WEIGHT PERCENT	TLV PPM	TLV mg/M3	LEL	VAP/PRES MM HG @ 20°C
LOW ODOR MINERAL SPIRITS (CAS # 8032-32-4)	21 - 51	100.		.90	2.60

## SECTION III - PHYSICAL DATA

BOILING RANGE: 320-440 DEGREES F  
VAPOR DENSITY: HEAVIER THAN AIR  
EVAPORATION RATE: SLOWER THAN ETHER  
% VOLATILE BY VOLUME: 40 - 60  
WEIGHT PER GALLON: 7.5 - 13.0 LBS.

## SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY CLASS: FLAMMABLE LIQUID  
FLASH POINT: 57°F (TAGG CLOSED CUP)

EXTINGUISHING MEDIA: REGULAR FOAM, CARBON DIOXIDE (CO2) OR DRY CHEMICAL. STRAIGHT WATER STREAMS WILL SPREAD OIL FIRES. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE.

UNUSUAL FIRE HAZARDS: VAPORS ARE HEAVIER THAN AIR AND MAY MOVE ALONG GROUND AND BE IGNITED BY SPARKS, PILOT LIGHTS OR OTHER IGNITION SOURCES. CONTAINERS MAY RUPTURE WHEN EXPOSED TO EXTREME HEAT. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS - GET MEDICAL ATTENTION.

FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD BE EQUIPPED WITH NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER TO KEEP CONTAINERS COOL AND PREVENT EXPLOSION. DRIED FILMS OF THIS COATING WILL SUPPORT COMBUSTION.

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION II

OVEREXPOSURE ACUTE: EYE AND SKIN IRRITATION ON CONTACT. VAPORS MAY CAUSE RESPIRATORY IRRITATION, DIZZINESS AND NAUSEA. SWALLOWING AND VOMITING CAN CAUSE CHEMICAL PNEUMONITIS.

OVEREXPOSURE CHRONIC: THE TOXICOLOGICAL PROPERTIES OF THIS PRODUCT HAVE NOT BEEN FULLY INVESTIGATED. REPEATED EXPOSURE MAY PRESENT ADDITIONAL HAZARDS.

FIRST AID PROCEDURE:

SKIN CONTACT: WASH WITH SOAP AND WATER. USE EMOLLIENT CREAM OR LOTION  
EYE CONTACT: FLUSH EYE WITH PLENTY OF WATER. SEE PHYSICIAN  
INHALATION: PROVIDE FRESH AIR AND REST  
INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN

## SECTION VI – REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY: NONE

HAZARDOUS DECOMP. PROD.: MAY FORM TOXIC MATERIAL IF BURNED IN INSUFFICIENT AMOUNT OF AIR

POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

## SECTION VII – SPILL OR LEAK PROCEDURES

SPILLED MATERIAL STEPS:

- (1) ELIMINATE ALL IGNITION SOURCES
- (2) ABSORB ON INERT MATERIAL
- (3) DISPOSE OF IN A CLOSED CONTAINER

WASTE DISPOSAL METHOD: INCINERATION OR LAND FILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

## SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: RECOMMENDED. AT CONCENTRATIONS EXCEEDING THE TLV, USE A SELF CONTAINED BREATHING APPARATUS.

VENTILATION: PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EXPOSURE BELOW THE TLV. AVOID BREATHING VAPORS AND SPRAY MIST. AVOID BREATHING SANDED OR BLASTED DUST.

PROTECTIVE GLOVES: RECOMMENDED. IMPERVIOUS TYPE.

EYE PROTECTION: RECOMMENDED. SAFETY GOGGLES WITH UNPERFORATED SIDE SHIELDS.

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED TO AVOID WETTING CLOTHES.

## SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS HANDLING: SEE BELOW

DOL STORAGE CATEGORY: 1 C

OTHER PRECAUTIONS: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. USE WITH ADEQUATE VENTILATION. AVOID SKIN AND EYE CONTACT. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT TRANSFER MATERIAL TO OTHER CONTAINERS FOR STORAGE. STORE IN A COOL AREA. KEEP OUT OF THE REACH OF CHILDREN.