

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

THE PERRY & DERRICK COMPANY  
2510 HIGHLAND AVENUE  
CINCINNATI, OH 45212-5215

INFORMATION TELEPHONE NO.: 513-351-5800  
EMERGENCY TELEPHONE NO.: 800-424-9300

PREPARATION DATE: 08/06/92

REPLACES DATE: NEW MSDS

PREPARER: KJP

## SECTION I - PRODUCT IDENTIFICATION

GOLDEN BROWN FOIL GUARD SC# 1403  
PAINT  
47013

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	OCCUPATIONAL EXPOSURE LIMITS		SIG- NATURE	VAPOR PRESSURE mmHg 20C	KNOWN OR SUSPECTED CARCINOGEN	SEC 313
			(TLV-TWA)	(TLV-STEL)				
MINERAL SPIRITS	3052-41-3	20.0%	100 PPM	NO INFO	NO	2.0	NO	NO
1-NITROPROPANE	108-03-2	5.0%	25 PPM	NO INFO	NO	7.5	NO	NO
NUISANCE DUST (SEE SECTION 9)	SEE SEC. 9	20.0%	15 MG/M3	NO INFO	NO	UNK	NO	NO
ALUMINUM	7429-90-5	1.3%	10 MG/M3	NO INFO	NO	UNK	NO	YES
MAGNESIUM SILICATE HYDRATE (TALC)	14807-36-6	20.0%	2 MG/M3	NO INFO	NO	UNK	NO	NO

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372.  
ALL KNOWN NUISANCE DUST HAZARDS ARISE FROM ABRASION OF DRY FILM  
TWA OF ALUMINUM IS FOR RESPIRABLE FRACTION.  
TALC TWA REFERS TO RESPIRABLE DUST

N.A. - NOT APPLICABLE UNK - UNKNOWN

MATERIALS COVERED UNDER SECTION 313 ARE EXACT PERCENTAGES

## SECTION III - PHYSICAL DATA

BOILING RANGE : 270-386 F VAPOR DENSITY : IS HEAVIER THAN AIR  
VOC, LB/GAL : 3.0 EVAPORATION RATE: IS SLOWER THAN ETHER  
VOC, GR/LITER : 362  
VOLATILE BY WEIGHT: 28.5% PRODUCT DENSITY : 10.6 LBS./GAL. (U.S.)

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: FLASH POINT: 96 F LEL: 1.0 %  
(SETAFLASH CLOSED CUP) UEL: 10.0 %  
OSHA - FLAMMABLE LIQUID - CLASS IC  
DOT - FLAMMABLE LIQUID OR SOLID

EXTINGUISHING MEDIA: FOAM CARBON DIOXIDE DRY CHEMICAL

## =====

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

=====

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES MAY REQUIRE SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION. DISPOSE OF WIPING RAGS, SPRAY BOOTH FILTERS, DRY OVERSPRAY, AND OTHER COMBUSTIBLES WHICH BECOME SOAKED WITH PAINT, BY WATER IMMERSION OR OTHER METHOD TO AVOID FIRE. USE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CLASS B EXTINGUISHER OR EXTINGUISHING AGENT DESIGNED TO EXTINGUISH FLAMMABLE LIQUID FIRES.

SPECIAL FIREFIGHTING PROCEDURES: FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. FIRE IN AN OPEN CONTAINER OF ALUMINUM PAINT WILL BURN OUT THE SOLVENT BEFORE IGNITION OF THE ALUMINUM FLAKE. IF THE SOLVENT IS BURNING, REPLACE CONTAINER COVER AND REMOVE CONTAINER TO AN ISOLATED POSITION. THE SOLVENT FIRE CAN THEN BE EXTINGUISHED BY FORMING A BLANKET OF CARBON DIOXIDE OVER THE PAINT PROVIDING THERE IS NO DRY ALUMINUM DUST IN THE VICINITY. IF THE ALUMINUM FLAKE HAS IGNITED, ISOLATE THE CONTAINER AND PILE FINE, DRY SAND AROUND IT. IF UNDISTURBED A DENSE CRUST WILL FORM OVER THE SURFACE OF THE ALUMINUM AND EXTINGUISH IT.

## =====

## SECTION V - HEALTH HAZARD DATA

=====

EFFECTS OF OVER EXPOSURE: ACUTE: INHALATION: ANESTHETIC, IRRITATION OF THE RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS; HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN OR EYE CONTACT: PRIMARY IRRITANT. MAY SENSITIZE. CHRONIC: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. OVEREXPOSURE TO COMPONENTS OF THIS MATERIAL HAS BEEN SUGGESTED TO CAUSE HEALTH EFFECTS TO THE FOLLOWING ORGANS: EYES, SKIN, RESPIRATORY SYSTEM (NOSE, THROAT, AND LUNGS), LIVER, KIDNEY, DIGESTIVE TRACT, BRAIN AND CENTRAL NERVOUS SYSTEM,

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: PERSONS WITH IMPAIRED LUNG FUNCTIONS, ASTHMA-LIKE CONDITIONS, OR SKIN DISORDERS MAY EXPERIENCE DIFFICULTIES WHILE USING THIS PRODUCT.

PRIMARY ROUTE(S) OF ENTRY: INHALATION DERMAL

EMERGENCY AND FIRST AID PROCEDURES: VAPORS: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. NOTIFY A PHYSICIAN. SPLASH (EYES): FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. TAKE TO A PHYSICIAN FOR MEDICAL TREATMENT. SPLASH (SKIN): REMOVE WITH MINERAL SPIRITS THEN WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN.



## =====

## SECTION VI - REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION AND PARTIAL COMBUSTION MAY PRODUCE HAZARDOUS FUMES WHICH MAY CONTAIN THE FOLLOWING MATERIALS: CARBON MONOXIDE

CONDITIONS TO AVOID: ELEVATED TEMPERATURES.

INCOMPATIBILITY: ACIDS AND ANHYDRIDES ALKALIES AMINES PEROXIDES AND OXIDIZERS

## =====

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION (FLAME, HOT SURFACES, AND ELECTRICAL, STATIC, OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS. VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

## =====

## SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: DO NOT BREATHE VAPORS OR SPRAY MIST. IF SPRAYED IN AREAS WITH UNRESTRICTED VENTILATION, USE APPROPRIATE, PROPERLY FITTED MECHANICAL RESPIRATOR FILTERS (NIOSH/MSHA APPROVED) TO REMOVE OVERSPRAY. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE. IN RESTRICTED AREAS USE APPROVED CHEMICAL-MECHANICAL RESPIRATOR FILTERS TO REMOVE BOTH PARTICLES AND VAPOR. IN CONFINED AREAS USE APPROVED RESPIRATORS WITH EXTERNAL AIR SUPPLY.

VENTILATION: PROVIDE LOCAL EXHAUST VENTILATION SUFFICIENT TO INSURE A VAPOR CONCENTRATION WELL BELOW TLV AND LEL IN SECTION II.

PROTECTIVE GLOVES: REQUIRED (NEOPRENE OR NITRILE RUBBER) FOR REPEATED OR PROLONGED CONTACT.

EYE PROTECTION: USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT: PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING.

HYGENIC PRACTICES: WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM.

## =====

## SECTION IX - SPECIAL PRECAUTIONS

=====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE ABOVE 120 F. CLOSE CONTAINER AFTER EACH USE. STORE LARGE QUANTITIES ONLY IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. USE APPROVED GROUNDING PROCEDURES WHEN POURING OR PUMPING. NEVER USE PRESSURE TO EMPTY DRUMS. DRUM IS NOT A PRESSURE VESSEL.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. IF NUISANCE DUST IS PRESENT, IT MAY CONTAIN THE FOLLOWING MATERIALS: CALCIUM CARBONATE (CAS NO. 1317-65-3) KAOLIN(CAS NO. 22708-90-3 OR 1332-58-7), CALCIUM METASILICATE(CAS NO. 10101-39-0), TITANIUM DIOXIDE(CAS NO. 13463-67-7), ZINC STEARATE(CAS NO. 557-05-1), ZINC OXIDE(CAS NO. 1314-13-2), ALUMINUM OXIDE(CAS NO. 1344-28-1).

=====

**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

**THE PERRY & DERRICK COMPANY**  
**2510 HIGHLAND AVENUE**  
**CINCINNATI, OH 45212-5215**

**INFORMATION TELEPHONE No. 513-351-5800**  
**EMERGENCY TELEPHONE No. 1-800-424-9300**

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.