



AMERON
Coatings

M. S. D. S.

Material Safety Data Sheet

VALSPARS08332

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : GO1000 VYGUARD NO RUST PRIMER M525
 IDENTIFICATION NUMBER: VALSPARS08332
 PRODUCT CLASS : GAS & OIL - OIL ALKYD PRIMER
 HEALTH : WARNING HMIS/NFPA : H2

Ameron International
 Protective Coatings Group
 201 North Berry St.
 Brea, CA 92821

EMERGENCY: 800-424-9300 (ChemTrec)
 24 Hours Emergency Hotline

INFORMATION: H. Kline, PHONE: 714-529-1951 PREPARE DATE: 10
 PREVIOUS REVISION DATE: 10

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	W LES
01	CALCIUM CARBONATE (Trace contaminants @ppm silica**<5000, arsenic** <1, lead**#<	1317-65-3	
02	ALKYD RESIN (Mfg 400 ppm)	66070-60-8	
03	ZINC PHOSPHATE BORATE	dna	
04	+ IRON OXIDE (RED) (Trace contaminants @ppm: silica**<10000, As**<100 Cd**<5, Hg# Ni**<400, Pb**#<100)	1309-37-1	
05	LINSEED OIL	8001-26-1	
06	MINERAL SPIRITS	64742-88-7	

(Mfg TWA guide as Stoddard Solvent)

(SARA)

07 ODORLESS MINERAL SPIRITS

64741-65-7

08 MINERAL SPIRITS

64742-88-7

(As Stoddard solvent)

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	W LES
09	SILICA (CRISTOBALITE**) * Fed OSHA: Y NTP: Y ACGIH: N IARC: 2A * Cancer or cancer suspect agent.	14464-46-1	

10 DIATOMACEOUS EARTH

68855-54-9

ITEM	EXPOSURE LIMITS				VP mmHg @68F	TOXICI LD50 g/kg	
	----- ACGIH -----		----- OSHA -----				
	TLV-TWA ppm	TLV-TWA Mg/M3	PEL-TWA ppm	PEL-TWA Mg/M3			
01	dna	5.00	dna	5.000	N.A.	dna	
02	dna	dna	dna	dna	2.5	dna	
03	dna	5.00	dna	5.000	N.A.	dna	
04	dna	5.00	dna	5.000	N.A.	dna	
05	dna	dna	dna	dna	N.A.	dna	
06	100	dna	100	dna	5.0	4.000	7
07	100	dna	100	dna	1.2	dna	
08	100	dna	100	dna	2.0	dna	
09	dna	.05	dna	.050	N.A.	dna	
10	dna	3.00	dna	6.000	N.A.	dna	

REGULATORY: **CALIF.TITLE 26:22-12000 (PROP 65). WARNING: This product contains a chemical known to the State of California to cause cancer.

#CALIF.TITLE 26:22-12000 (PROP 65). WARNING: This product contains a chemical known to the State of California to cause birth defects or o reproductive harm. All ingredients are on TSCA inventory or are exem Toxic chemicals marked (SARA, CERCLA, HAPs) are subject to reporting requirements of SARA (40CFR 355 and 372), CERCLA (40CFR 302), or HAPs (40CFR 63).

(S)=Skin; LD50=Dermal.rabbit; LC50=Inhalation,rat; dna=data not available
na=not applicable

SECTION 3 - HAZARDS IDENTIFICATION

EXPOSURE EFFECTS: Vapor or spray mist or spattered material can be harmful. Irritating to eyes, skin, and if inhaled; to nose and throat. Excessive or prolonged inhalation can cause headache, nausea or dizziness. Repeated and prolonged occupational overexposure to solvents is associated with permanent brain and nervous system damage. Intentional abuse, minor or other massive exposure to solvents may cause multiple organ damage and/or death.

SECTION 3 - HAZARDS IDENTIFICATION

OVER-EXPOSURE (prolonged or repeated use): CAN AGGRAVATE OR ACCENTUATE OF THESE EFFECTS.

SKIN: Irritant. Can be absorbed through skin. Can cause defatting and drying of skin.

INHALATION: Irritant. Delayed lung injury. Central nervous system damage. Welding fumes can cause welding fume fever. Repeated exposure to silica dust can cause silicosis. Crystalline silica may cause cancer. The occurrence of cancer depends on duration and level of exposure to dust from sand surfaces or spray mist. Chemical pneumonia. Repeated exposure to iron dust can cause siderosis.

EYES: Severe irritant.

INGESTION: Harmful if swallowed. Aspiration into lungs can damage lungs and cause chemical pneumonia.

TARGET ORGANS: Kidneys. Liver. Blood. Lungs. Skin. Eyes. Stomach. Spleen. Central nervous system.

MEDICAL CONDITIONS AGGRAVATED: Kidneys. Skin. Eyes. Respiratory.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION INGESTION EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID PROCEDURES: Inhalation: Remove to fresh air. Restore normal breathing. Treat symptomatically. See physician. SKIN: Wash thoroughly with soap and water. Remove contaminated clothing. Consult physician if irritation persists. EYES: Flush immediately with plenty of water for at least 15 minutes and get medical attention. INGESTION: Drink 1 or 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting(unless METHANOL; listed in Section 2). Consult physic
poison control center IMMEDIATELY. Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 112 F (SETA)

LOWER EXPLOSIVE LIMIT:

UPPER EXPLOSIVE LIMIT:

FLAMMABILITY - OSHA: COMBUSTIBLE - CLASS II
DOT: FLAMMABLE

EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL

SECTION 5 - FIRE FIGHTING MEASURES

LOWEST FLASHING SOLVENT: 64742-88-7

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode wh
exposed to extreme heat and pressure buildup. May produce a floating
hazard. Isolate from electrical equipment, sparks, heat and open fla
Vapors may spread long distances, cause flash fire or ignite explosiv

FIREFIGHTING PROCEDURES: Wear full protective equipment, self-contai
breathing apparatus. Water may be used to cool closed containers to p
pressure build-up or explosion when exposed to extreme heat.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL, LEAKS: Remove all sources of ignition. Avoid breathing vapors
Ventilate area. Use absorbent, inert cleanup materials. (DO NOT use
sawdust.) Remove absorbent material with non-sparking tools. Place in
separate container. Keep out of sewers and waterways. If entry is
threatened or occurs, notify local authorities.

SECTION 7 - HANDLING AND STORAGE

HANDLING AND STORAGE: Keep container closed, upright when not in use
Store in cool, dry, well-ventilated area. Avoid prolonged storage
temperatures above 100F. Use caution when pouring. Avoid breathing s
dust. Do not weld or flame cut on empty container.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Implement administrative and engineering controls to re
exposure. Provide sufficient ventilation in volume and pattern to kee
contaminant concentrations below the TLV limits. Remove welding or fl
cutting decomposition products; follow current,ANSI Z49.1,"Safety in
Welding and Cutting". Refer to 29 CFR parts 1910 and 1915, for coatin
operations; part 1910.146, Confined Spaces.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA certified respirator designed to remove a combination of particulates (dust or spray mist) and vapor. brushing, rolling or spreading; select the appropriate respiratory protection for the conditions. For specific conditions, refer to current "NIOSH Pocket Guide to Chemical Hazards". In confined or restricted ventilation areas use air-line respirators or hoods. Refer to 29 CFR, parts 1910.134 and 1915 for coating operations; part 1910.146 Confined Spaces; ANSI Z88.2, Practices for Respiratory Protection; 42 CFR, part Particulate Respirators. A positive pressure, air supplied respirator (NIOSH TC 19C) is recommended. A vapor/particulate respirator (NIOSH/

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

TC 23C) may be appropriate where AIRBORNE MONITORING demonstrates vapor levels BELOW ten times the applicable exposure limits.

PROTECTIVE CLOTHING AND EQUIPMENT: Dependent upon application method resistant coveralls, gloves and shoe coverings to prevent skin contact. Wear solvent resistant glasses with splash guards or face shield to protect eyes from splash, spatter and/or spray mist. Consult 29 CFR 1910.132, 136, 138; ANSI Z87.1, Z41. Use explosion and spark-proof equipment. WEAR CHEMICAL WORKER'S GOGGLES AND RUBBER GLOVES; other protective equipment such as aprons, rubber boots, face shield or rubber suit may be needed where splash or mist potential exists.

HYGIENIC PRACTICES: Wash thoroughly after handling and before eating, drinking, smoking or using toilet. Launder contaminated clothing before use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: 275 - 346 F	VAPOR DENSITY	: Is heavier than air
ODOR	: SOLVENT	WEIGHT PER GAL	: 11.5531
APPEARANCE	: LIQUID	EVAPORATION RATE:	Is slower than Acetate
SOLUBILITY IN H ₂ O	: NO		
MIXED VOC, G/L	: 288	MIXED THINNED VOC, G/L	: 336
THINNER	: M834 @ 0.93 PINTS	PHOTOCHEMICALLY REACTIVE:	No
VOLATILE VOLUME %	: 36.81		

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, open flame, arc or sparks.

INCOMPATIBILITY: Strong oxidizers, acids and alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS: +Pigment content is dependent on conditions (BY FIRE, BURNING OR WELDING); CO, CO₂. Iron oxide fumes. Aldehydes. Toxic gases or fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

TOXICOLOGICAL PROPERTIES: See Section 2. Crystalline silica (respir size, 10 microns or less). IARC Monograph on the Evaluation of Carcin Risk of Chemicals to Humans (Vol 42.1987) concludes that there is sufficient evidence of carcinogenicity to experimental animals and li

SECTION 11 - TOXICOLOGICAL PROPERTIES

evidence of carcinogenicity to humans. - IARC Class 2A.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

EPA Waste No.: D001

DISPOSAL METHOD: Place in separate, appropriate, closed container in accordance with all applicable local, State, and Federal regulations. material has NOT been tested by Toxicity Characteristic Leaching Proc (TCLP).

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Paint

DOT HAZARD CLASS: 3

HAZARD SUBCLASS: NA

DOT UN/NA NUMBER: 1263

IMO: NA

PACKING GROUP :

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CF 1910.1200)

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME ----- CAS NUMBER

No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

-----	CHEMICAL NAME	-----	CAS NUMBER
No non-hazardous ingredients are present at greater than 3%.			

SECTION 15 - REGULATORY INFORMATION

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Contro Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

