
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : M13-1
PRODUCT CLASS : PAINT, SOLVENT BASE
TRADE NAME : URETHANE ALKYD RUST INHIBITOR S/G
FORMULA ID : 13-1
MSDS PREPARATION DATE : 01/12/2004

MANUFACTURER IDENTIFICATION:

NAME : CORONADO PAINT CO.
ADDRESS : 308 OLD COUNTY ROAD

EDGEWATER FL 32132
TELEPHONE : 386-428-6461
EMERGENCY CONTACT . . . : CHEMTREC
EMERGENCY TELEPHONE . . : (800) 424-9300

SECTION 2 - COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

1 MINERAL SPIRITS

CAS# 8052-41-3

ALIPHATIC HYDROCARBONS (STODDARD TYPE)

PCT BY WT: 25 - 35 VAPOR PRESSURE: 2.000 MMHG @ 68F

EXPOSURE LIMIT:

ACGIH TLV/TWA: 100 ppm TWA
OSHA PEL/TWA: 500 ppm TWA
LC50: Inhalation (Rat)- >700 ppm/4H
LD50: Acute Oral (Rat)- >25 ml/kg

2

CAS# 13463-67-7

TITANIUM DIOXIDE

PCT BY WT: 20 - 25

EXPOSURE LIMIT:

ACGIH TLV/TWA: 10 mg/cu m (Total Dust) - TWA
OSHA PEL/TWA: 10 mg/cu m (Total Dust) - TWA
LD50: Oral (Rat)- >7500 mg/kg (TiO2)

3 HYDROUS KAOLIN

CAS# 1332-58-7

ALUMINUM SILICATE

PCT BY WT: 5 - 10

EXPOSURE LIMIT:

ACGIH TLV/TWA: 2 mg/cu m - TWA
OSHA PEL/TWA: 10 mg/cu m (Total dust) - TWA

This product contains no reported carcinogens or suspected carcinogens according to the information provided in Section 3 of this MSDS.

This product contains pigments, which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.

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MATERIAL SAFETY DATA SHEET
3

M13-1

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Exposure to liquid may cause mild eye irritation. Symptoms may include stinging, tearing, and redness.

SKIN: May cause skin defatting with prolonged exposure. Exposure may cause skin irritation. Prolonged or repeated exposure may dry the skin.

INHALATION: Causes mild respiratory irritation. Breathing large amounts may be harmful. Symptoms of exposure may include irritation (nose, throat, respiratory tract) and CNS depression.

INGESTION: Swallowing small amounts of this product during normal handling is not likely to cause harmful effects, but swallowing large amounts may be harmful.

CHRONIC EFFECTS

NOTICE: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause respiratory and/or skin sensitization.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Any pre-existing respiratory or eye/skin conditions

POSSIBLE ROUTES OF ENTRY

Inhalation, ingestion, skin absorption.

CARCINOGENICITY

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

SECTION 4 - FIRST AID MEASURES

EMERGENCY FIRST AID:

EYE CONTACT

If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water, holding eyelids apart. If symptoms persist, seek medical attention.

SKIN CONTACT

Remove contaminated shoes and clothing, and flush affected area with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected area thoroughly by washing with mild soap and water. If irritation or redness develops, seek medical attention. Launder clothing before reuse.

INHALATION

If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If

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MATERIAL SAFETY DATA SHEET
3

M13-1

CLEAN-UP

Warn occupants in surrounding and downwind areas of fire and explosion hazard to stay clear. Remove from surface with suitable absorbents. If allowed by local authorities, sinking and/or suitable dispersants may be used in non-confined waters.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Keep container closed. Handle and open container with care. Open container slowly to relieve any pressure. Do NOT cut, weld or puncture on or near container.

STORAGE

Keep container(s) tightly closed. Use and store this product in a cool, dry, well-ventilated area away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Keep away from any incompatible material. Protect container(s) against physical damage.

SPECIAL COMMENTS

WARNING: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperatures and pressures, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH for protection against chemicals in Sections (2 &/or 15).

EYE PROTECTION

Wear safety glasses or goggles to protect against exposure. Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses.

PROTECTIVE GLOVES

Appropriate disposable gloves are acceptable, such as, Nitrile rubber gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: LIQUID
Vapor Pressure	: 2.00
Vapor Density	: 4.90
Boiling Point Range	: Lower - 300.0 °F
	: Higher - 400.0 °F
Specific Gravity	: 1.241
Weight per Volume	: 10.3263 LB/GL
VOC - Total (lbs./gal)	: 3.514
Evaporation Rate	: .130 (n-Butyl Acetate = 1
Volatile by Weight	: 34.0315
Volatile by Volume	: 55.4371

SECTION 10 - STABILITY AND REACTIVITY

STABILITY

This product is stable.

INCOMPATIBILITIES (Materials to Avoid)

This product can react violently with strong oxidizing agents such as chlorine, oxygen, or strong oxidizing acids, such as, nitric and sulfuric.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

Avoid heat, sparks, open flames and other sources of ignition

HAZARDOUS PRODUCTS OF DECOMPOSITION

Heating to decomposition, as in a fire or welding, may produce hazardous fumes. Fumes may contain carbon monoxide, carbon dioxide and oxides of nitrogen.

SECTION 11 - TOXICOLOGICAL INFORMATION

No data at this time.

SECTION 12 - ECOLOGICAL INFORMATION

No data at this time.

M13-1

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Dispose of this product in accordance with applicable local, county, state and federal regulations, by incinerating, or treating and disposing in approved facility. Do not incinerate closed containers.

SECTION 14 - TRANSPORT INFORMATION

DOT HAZARD CLASS : NOT REGULATED (In containers less than 119 gallons or 450 liters via surface transportation).

COMBUSTIBLE LIQUID (In containers of more than 119 gallons capacity) for surface shipments within the U.S. and Canada, and apply the DOT information, listed below:

DOT PACKAGING GROUP : PG III

DOT LABEL : NONE

DOT SHIPPING NAME : PAINT

DOT PLACARD : NONE

UN/NA NUMBER : UN1263

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION

TSCA SECTION 8(b) - INVENTORY STATUS:

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA Regulations.

SARA 313 TOXIC CHEMICALS:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

INORGANIC ZINC COMPOUND

PCT BY WT: 5.8070

SECTION 16 - OTHER INFORMATION

Prepared by : Ronnie Darley

Date of issue : 01/12/2004

Last Revision Date : 02/06/2003

MSDS Prepared for .

CORONADO PAINT CO.
MATERIAL SAFETY DATA SHEET
3

M13-1

MSDS Last Prepared : NONE
HMIS Rating: Health- 2 Flammability- 2
Reactivity- 0

This Material Safety Data Sheet conforms to the Hazard Communication Standard, 29 CFR 1910.1200(g)(4).

The above information pertains to this product as currently formulated and is based on the information available, as of this date. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Abbreviations used: int.- interior; ext.- exterior; MSDS - Material Safety Data Sheet; HMIS - Hazardous Materials Information System; CAS - Chemical Abstracts Services; pct - percent; wt - weight; mm Hg - millimeters of mercury; F - Fahrenheit; ACGIH - American Conference of Governmental Industrial Hygienists; TLV - Threshold Limit Value; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; TWA - Time-Weighted Average; STEL- Short Term Exposure Limit; N/A- Not applicable IARC - International Agency for Research on Cancer; NE - Not established NTP - National Toxicological Program; CFR - Code of Federal Regulations; OSHA - 2 29CFR 1910, Subpart Z; VOC - Volatile Organic Compounds; TCC - Tag Closed Cup; LEL - Lower Explosive Limit; Mg/m³ or Mg/Cu M - milligram per cubic meter; mppcf - millions of particles per cubic foot; ppm - parts per million; NIOSH - National Institute of Occupational Safety and Health; MSHA - Mine Safety and Health Administration; CNS - Central Nervous System.