



# GARLAND MATERIAL SAFETY DATA SHEET

**MSDS Status:** Current  
**Product Name:** RUST-GO ALUMINUM  
**Product Code:** 1512  
**MSDS No.:** 200103

**Product Status:** Active  
**Revision Date:** 08/03/2010  
**Supersedes Date:** 03/11/2003

## SECTION I - CHEMICAL PRODUCT/COMPANY IDENTIFICATION

**Chemical Name:** MIXTURE  
**CAS No.:** NOT APPLICABLE  
**Product Description:** RUST INHIBITOR ALUMINUM PAINT  
**Hazard Classification:** HEALTH - 2 FLAMMABILITY - 2 REACTIVITY - 1  
**Manufacturer/Supplier:** THE GARLAND COMPANY, INC. GARLAND CANADA  
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**Internet Address:** <http://www.garlandco.com>

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## SECTION II - HAZARDOUS INGREDIENTS/COMPOSITION

HAZARDOUS INGREDIENTS:	%WT	CAS Number	OSHA PEL (TWA)	AGCIH TLV (TWA)	ORAL LD50	INHAL LC50	DERMAL LD50
STODDARD SOLVENT	<45	8052-41-3	500ppm	100ppm	NAV	NAV	NAV
XYLENE	<10	1330-20-7	100ppm	100ppm	NAV	NAV	NAV

NAV = Not available

## SECTION III - HAZARDS IDENTIFICATION

**PRIMARY ROUTE(S) OF ENTRY:** DERMAL, INHALATION, INGESTION.

### ACUTE HEALTH HAZARD:

**INHALATION:** OVEREXPOSURE CAN LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION PRODUCING SUCH EFFECTS AS HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF CONSCIOUSNESS.

**EYE CONTACT:** SHORT-TERM CONTACT MAY RESULT IN SLIGHT EYE IRRITATION. PROLONGED AND REPEATED CONTACT MAY BE MORE IRRITATING.

**SKIN CONTACT:** PROLONGED AND REPEATED LIQUID CONTACT CAN CAUSE DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS.

**INGESTION:** IRRITATING TO MOUTH, THROAT, AND STOMACH.

**EFFECTS OF CHRONIC EXPOSURE:** NO INFORMATION

## SECTION IV - FIRST AID PROCEDURES

**EYE CONTACT:** FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

**SKIN CONTACT:** WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; DO NOT REUSE UNTIL CLEANED. IF PERSISTENT IRRITATION OCCURS, GET MEDICAL ATTENTION.

**INHALATION:** REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

**INGESTION:** IF SWALLOWED, DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ATTENTION.

## SECTION V - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** 104<sup>o</sup>F (TAGLIABUE CLOSED CUP)  
**LOWER EXPLOSIVE LIMIT:** 0.8%  
**UPPER EXPLOSIVE LIMIT:** 7.0%

**EXTINGUISHING MEDIA:** WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, FOAM

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** EXPOSURE TO WATER RELEASES HYDROGEN GAS, WHICH CAN BE EXPLOSIVE. VAPORS ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW AREAS OR AREAS INADEQUATELY VENTILATED. VAPORS MAY ALSO TRAVEL ALONG THE GROUND TO BE IGNITED AT LOCATIONS DISTANT FROM THE HANDLING SITE.

**SPECIAL FIREFIGHTING PROCEDURES:** EVACUATE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR PROPER PROTECTIVE CLOTHING INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER. DO NOT DIRECT STREAM OF WATER INTO BURNING LIQUID.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING.

**FOR LARGE SPILLS:** EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. DIKE AND CONTAIN. PLACE CONTAMINATED MATERIAL IN SUITABLE CONTAINERS FOR DISPOSAL.

## SECTION VII - SAFE HANDLING AND STORAGE

COMBUSTIBLE LIQUID. DO NOT GET ON EYES OR SKIN. DO NOT BREATHE VAPORS.

THE SOLVENTS MAY BE IRRITATING TO SKIN, EYES, RESPIRATORY TRACT AND MAY CAUSE DIZZINESS AND CENTRAL NERVOUS SYSTEMS DISORDERS UPON INHALATION.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINERS TIGHTLY CLOSED. STORE AWAY FROM STRONG OXIDIZING AGENTS IN A COOL, DRY PLACE WITH ADEQUATE EXPLOSION-PROOF VENTILATION. GROUND EQUIPMENT TO PREVENT ACCUMULATION OF STATIC CHARGE. IF POURING OR TRANSFERRING MATERIALS, CONTAINERS MUST BE BONDED AND GROUNDED.

MAKE SURE THAT AIR INTAKES DO NOT DRAW ODOR INDOORS.

**VENTILATION:** SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'S TLV LIMIT (SECTION II).

**OTHER PRECAUTIONS:** DO NOT WELD, HEAT OR DRILL ON OR NEAR CONTAINER: EVEN EMPTIED CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. PROVIDE RESPIRATORY PROTECTION AGAINST SMOKE AND FUMES GENERATED DURING BURNING OR DUSTS GENERATED DURING REMOVAL OF DRY COATINGS.

## SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SECTION II) USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

**PROTECTIVE GLOVES:** RECOMMENDED FOR PROLONGED OR REPEATED CONTACT.

**EYE PROTECTION:** WEAR CHEMICAL GOGGLES TO PREVENT EYE CONTACT.

**OTHER PROTECTIVE EQUIPMENT:** WEAR PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

**HYGIENIC PRACTICES:** WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** 300-400°F  
**VAPOR DENSITY:** IS HEAVIER THAN AIR  
**APPEARANCE AND ODOR:** METALLIC LIQUID, HYDROCARBON ODOR  
**VOLATILE BY WEIGHT:** 53.1%  
**VOLATILE BY VOLUME:** 63.2%  
**SPECIFIC GRAVITY:** 0.942  
**EVAPORATION RATE:** IS SLOWER THAN ETHER  
**SOLUBILITY:** INSOLUBLE IN H<sub>2</sub>O

## SECTION X - STABILITY AND REACTIVITY DATA

**STABILITY:** THIS PRODUCT CONTAINS ALUMINUM. SLIGHT CHANCE OF FIRE OR EXPLOSION.

**WILL POLYMERIZATION OCCUR:** NO

**HAZARDOUS DECOMPOSITION PRODUCTS:** WITH WATER, HYDROGEN GAS IS EVOLVED. CARBON MONOXIDE MAY BE FORMED DURING COMBUSTION.

**CONDITIONS TO AVOID:** AVOID WATER, HEAT, SPARKS, AND OPEN FLAME.

**INCOMPATIBILITY:** AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

## SECTION XI - TOXICOLOGICAL INFORMATION

No information available.

## SECTION XII - ECOLOGICAL INFORMATION

No data available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of according to applicable Federal, State, and Local requirements.

## SECTION XIV - TRANSPORTATION INFORMATION

**NON-BULK < 119 gallon container size**  
**DOT-U.S./MOT-CANADA/INTL. (TRUCK/RAIL)**  
**PROPER SHIPPING NAME:** NONREGULATED MATERIAL  
**HAZARD CLASS:** NOT APPLICABLE  
**IDENTIFICATION NO:** NOT APPLICABLE  
**PACKAGING GROUP:** NOT APPLICABLE  
Reclassified under 49CFR 173.120(b)(2). Not regulated under 49CFR 173.150(f)(2).

**BULK > 119 gallon container size**  
**DOT-U.S./MOT-CANADA/INTL. (TRUCK/RAIL)**  
**PROPER SHIPPING NAME:** PAINT  
**HAZARD CLASS:** 3

**IDENTIFICATION NO:** UN1263  
**PACKAGING GROUP:** III

**INTL. (VESSEL/AIR) - NON-BULK < 119 gallon container size**  
**PROPER SHIPPING NAME:** PAINT  
**HAZARD CLASS:** 3  
**IDENTIFICATION NO:** UN1263  
**PACKAGING GROUP:** III

## SECTION XV - REGULATORY INFORMATION

**WHMIS:** This material contains the following ingredient(s) at, or above the minimum concentration specified on the WHMIS Ingredient Disclosure List under the Hazardous Products Act of Canada:

STODDARD SOLVENT (MINERAL SPIRITS), Cas No. 8052-41-3, <45%

**SARA 313:** This product DOES NOT contain material(s) subject to the reporting requirements of Section under Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372.

XYLENE, Cas No. 1330-20-7, <10%

**VOC STATUS:** <500 g/l VOCs. This product complies with all VOC codes, including CA, MA, NJ, NY and Maricopa, AZ for Architectural and Industrial Maintenance Coatings.

## SECTION XVI - ADDITIONAL INFORMATION

### Disclaimer

The information contained in this Material Safety Data Sheet has been prepared in accordance with the OSHA Hazard communication Standard CFR 1910.1200. This information relates specifically to the product designated and may not be valid for the product when used in combination with any other materials or products or in a particular process. The information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness, whether originating within the company or not. The user should review this information, satisfy itself as to its suitability and completeness, and pass on the information to its employees or customers in accordance with applicable federal, state or local hazard communications requirements. We do not accept responsibility for any loss or damage which may occur from the use of this information.

**Prepared By:** John Wenneman  
**Modified By:** George Groh  
**Reason for Modification:** Spelling corrections

**Date:** 05/08/2000  
**Modified on:** 08/03/2010

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