







since 1895

# Material Safety Data Sheet

NFPA	WHMIS	PPE	Transport Symbol
			DOT 

Preparation Date 31-Oct-2006

Revision Date 12-Jul-2010

Revision Number 7

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Rust-Go® Primer  
**Product Code** 1521  
**UN-No** UN1263

**Contact Manufacturer**  
 The Garland Company, Inc.  
 3800 East 91st. Street  
 Cleveland, Ohio 44105-2197  
 Ph: (800) 762-8225 Fax: (216) 641-0633

Garland Canda, Inc.  
 1296 Martin Grove Rd.  
 Toronto, Ontario M9W 4X3  
 Ph: (416)747-7995 Fax: (416)747-1980

**Emergency Telephone Number** 1-800-762-8225 (24 Hrs.)

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Flammable Liquid

**Appearance** Red.

**Physical State** Liquid.

**Odor** Petroleum distillates.

**Mexico - Grade** Not available

### Potential Health Effects

**Principle Routes of Exposure** Inhalation, Eye contact, Skin contact.

### **Acute Effects**

**Eyes**

Moderately irritating to the eyes.

**Skin**

Substance may cause slight skin irritation.

<b>Inhalation</b>	Inhalation of vapours in high concentration may cause irritation of respiratory system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
<b>Chronic Effects</b>	Prolonged exposure may cause chronic effects.
See Section 11 for additional Toxicological information.	
<b>Aggravated Medical Conditions</b>	Not available
<b>Interactions with Other Chemicals</b>	Not available
<b>Potential Environmental Effects</b>	See Section 12 for additional Ecological information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous Components

Chemical Name	CAS-No	Weight %	North American Hazard Indicator
Toluene	108-88-3	1 - 5	1
Xylenes (o-, m-, p- isomers)	1330-20-7	1 - 5	1
Talc	14807-96-6	10 - 30	1
Stoddard solvent	8052-41-3	1 - 5	1

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Do not induce vomiting. Consult a physician.
<b>Notes to Physician</b>	Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Foam. Dry chemical. Dry powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable Extinguishing Media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Hazardous Combustion Products</b>	Carbon monoxide, Carbon dioxide (CO <sub>2</sub> ), Hydrocarbons.
<b>Explosion Data</b>	
<b>Sensitivity to mechanical impact</b>	No
<b>Sensitivity to static discharge</b>	Yes

**Specific Hazards Arising from the Chemical**

Flammable. Keep product and empty container away from heat and sources of ignition.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA****Health 2****Flammability 4****Instability 0**

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Take precautionary measures against static discharges.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.
<b>Methods for Containment</b>	Dike with inert absorbant material
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal.
<b>Other Information</b>	Not applicable

## 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Ensure adequate ventilation.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. For safety reasons in case of fire, cans should be stored separately in closed containments. Keep in properly labelled containers. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Toluene	TWA: 50 ppm Skin	TWA: 200 ppm Ceiling: 300 ppm	TWA: 50 ppm	TWA: 188 mg/m <sup>3</sup> TWA: 50 ppm
Xylenes (o-, m-, p-isomers)	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>	STEL: 650 mg/m <sup>3</sup> STEL: 150 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>	STEL: 150 ppm STEL: 655 mg/m <sup>3</sup> TWA: 435 mg/m <sup>3</sup> TWA: 100 ppm
Talc	TWA: 2 mg/m <sup>3</sup>		TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>
Stoddard solvent	TWA: 100 ppm	TWA: 2900 mg/m <sup>3</sup> TWA: 500 ppm	TWA: 525 mg/m <sup>3</sup>	STEL: 200 ppm STEL: 1050 mg/m <sup>3</sup> TWA: 523 mg/m <sup>3</sup> TWA: 100 ppm

Chemical Name	NIOSH IDLH
Toluene	500 ppm
Talc	1000 mg/m <sup>3</sup> containing no asbestos and <1% quartz
Stoddard solvent	20000 mg/m <sup>3</sup>

**Engineering Measures** Ensure adequate ventilation, especially in confined areas. Do not allow ventilation equipment to draw material odors indoors..

#### Personal Protective Equipment

**Eye/face Protection** Safety glasses with side-shields. Goggles. Face-shield.  
**Skin Protection** Long sleeved clothing. Protective gloves.  
**Respiratory Protection** In case of insufficient ventilation wear suitable respiratory equipment.

#### **Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Red
<b>Odor</b>	Petroleum distillates
<b>Physical State</b>	Liquid
<b>pH</b>	Not available
<b>Flash Point</b>	52°F / 11°C
<b>Autoignition Temperature</b>	Not available
<b>Boiling Point/Range</b>	228°F / 109°C
<b>Freezing Point</b>	Not available
<b>Flammability Limits in Air</b>	<b>Lower</b> Not available <b>Upper</b> Not available
<b>Lower 0.9</b>	<b>Upper 7.0</b>
<b>Explosive Properties</b>	Not available
<b>Oxidizing Properties</b>	Not available
<b>Evaporation Rate</b>	1.500 (ether = 1)
<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	Not available
<b>Specific Gravity</b>	1.31
<b>Density</b>	10.94
<b>Water Solubility</b>	Not available
<b>Volatiles</b>	Not available
<b>VOC Content</b>	414 g/L

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Hydrocarbons.
<b>Possibility of Hazardous Reactions</b>	Hazardous polymerisation does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Toluene	636 mg/kg Rat	8390 mg/kg Rabbit	12.5 mg/L Rat 4 h 26700 ppm Rat 1 h
Xylenes (o-, m-, p- isomers)	4300 mg/kg Rat	1700 mg/kg Rabbit	5000 ppm Rat 4 h

### Chronic Toxicity

#### Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Ecotoxicity effects.

#### Toluene

##### **Freshwater Algae Data**

*Selenastrum capricornutum* EC50>433 mg/L (96 h)

##### **Microtox Data**

*Photobacterium phosphoreum* EC50=19.7 mg/L (30 min)

##### **Water Flea Data**

*Daphnia magna* EC50=11.3 mg/L (48 h)

water flea EC50=11.3 mg/L (48 h)

water flea EC50=310 mg/L (48 h)

#### Xylenes (o-, m-, p- isomers)

##### **Microtox Data**

*Photobacterium phosphoreum* EC50=0.0084 mg/L (24 h)

##### **Water Flea Data**

*Gammarus lacustris* LC50=0.6 mg/L (48 h)

water flea EC50=3.82 mg/L (48 h)

#### **Persistence/Degradability**

Not available

#### **Bioaccumulation/ Accumulation**

Not available

#### **Mobility in Environmental Media**

Not available

#### Toluene

**log Pow = 2.65**

#### Xylenes (o-, m-, p- isomers)

**log Pow = 2.77 - 3.15**

<b>13. DISPOSAL CONSIDERATIONS</b>
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**Waste Disposal Method** Dispose of in accordance with local regulations.

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal.

**US EPA Waste Number** D001

Chemical Name	RCRA
Toluene - 108-88-3	waste number U220

<b>14. TRANSPORT INFORMATION</b>
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**DOT**

**Proper Shipping Name** Paint

**Hazard Class** 3

**Subsidiary Class**

**UN-No** UN1263

**Packing Group** II

**Reportable Quantity (RQ)** Xylenes isomers and mixture, RQ kg = 1998.239

**Description** Paint (Xylenes (isomers and mixture)),3,UN1263,PG II,RQ

**TDG**

**Proper Shipping Name** Paint

**Hazard Class** 3

**Subsidiary Class**

**UN-No** UN1263

**Packing Group** II

**Description** PAINT(Xylene,Toluene), Class 3,UN1263,PG II

**MEX**

**Proper Shipping Name** Pintura

**Hazard Class** 3

**Subsidiary Class**

**UN-No** UN1263

**Packing Group**

**Description** UN1263 Pintura(Xylene,Toluene),3,

**ICAO**

**UN-No** UN1263

**Proper Shipping Name** Paint

**Hazard Class** 3

**Subsidiary Class**

**Packing Group** II

**Description** Paint(Xylene,Toluene),UN1263,PG II

**IATA**

**UN-No** UN1263

**Proper Shipping Name** Paint

**Hazard Class** 3

**Subsidiary Class**

<b>14. TRANSPORT INFORMATION</b>
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<b>Packing Group</b>	II
<b>ERG Code</b>	3L
<b>Description</b>	Paint(Xylene,Toluene),UN1263,PG II

**IMDG/IMO**

<b>Proper Shipping Name</b>	Paint
<b>Hazard Class</b>	3
<b>Subsidiary Class</b>	
<b>UN-No</b>	UN1263
<b>Packing Group</b>	II
<b>EmS No.</b>	F-E, _S-E_
<b>Description</b>	Paint(Xylene,Toluene),UN1263,PG II

<b>15. REGULATORY INFORMATION</b>
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**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Toluene	X	X	-	X	-	X	X	X	X	X
Xylenes (o-, m-, p- isomers)	X	X	-	X	-	X	X	X	X	X
Talc	X	X	-	X	-	-	X	X	X	X
Stoddard solvent	X	X	-	X	-	-	X	X	X	X

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>NDSL</b>	Complies
<b>EINECS</b>	Complies
<b>ELINCS</b>	Does not Comply
<b>ENCS</b>	Does not Comply
<b>CHINA</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**USA****Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values
Toluene (CAS #: 108-88-3)	1.0%
Xylenes (o-, m-, p- isomers) (CAS #: 1330-20-7)	1.0%

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

**Chemical Name**

**Chemical Name**

Toluene (CAS #: 108-88-3)

Xylenes (o-, m-, p- isomers) (CAS #: 1330-20-7)

**State Regulations****California Proposition 65**

WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

Chemical Name	CAS-No	Category	Type
Toluene	108-88-3	Developmental	

**State Right-to-Know**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Toluene	X	X	X	X	X
Xylenes (o-, m-, p- isomers)	X	X	X	X	X
Talc	X	X	X		X
Stoddard solvent	X	X	X		X

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

B2 Flammable liquid

D2A Very toxic materials

Chemical Name	NPRI
Toluene	X
Xylenes (o-, m-, p- isomers)	X

<b>16. OTHER INFORMATION</b>
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<b>Preparation Date</b>	31-Oct-2006
<b>Revision Date</b>	12-Jul-2010
<b>Revision Summary</b>	No information available

## Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**