



# Material Safety Data Sheet

| NFPA  | HMIS   | PPE           | Transport Symbol |             |   |            |   |  |  |
|---|--|---------------|------------------|-------------|---|------------|---|--|--|
|  | <table border="1"> <tr> <td>Health Hazard</td> <td>2*</td> </tr> <tr> <td>Fire Hazard</td> <td>2</td> </tr> <tr> <td>Reactivity</td> <td>1</td> </tr> </table> | Health Hazard | 2*               | Fire Hazard | 2 | Reactivity | 1 |  |  |
| Health Hazard   | 2*   |               |                  |             |   |            |   |  |  |
| Fire Hazard   | 2  |               |                  |             |   |            |   |  |  |
| Reactivity  | 1  |               |                  |             |   |            |   |  |  |

Issuing Date 27-Apr-2007

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Rust Rustler Aluminum Paint

**Recommended Uses** Rust preventative

**Supplier Address**

Rust Rustler Paint Products  
P.O. Box 28, Greenville, Texas, 75403-0028  
US  
Phone:903-455-4577  
Contact:Tim Stainback  
Contact Phone:903-455-4577  
Emergency Phone: 903-455-4577

**Company Emergency Phone Number** 903-455-4577

## 2. HAZARDS IDENTIFICATION

**WARNING!**

**Emergency Overview**

Combustible material  
May cause sensitization by skin contact  
May be harmful if swallowed  
May cause skin, eye, and respiratory tract irritation  
May cause central nervous system depression

**Appearance** Silver

**Physical State** Liquid.

**Odor** Solvent

**Potential Health Effects**

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

**Acute Toxicity**

**Eyes** Irritating to eyes.

|  |  |
|--|--|
| <b>Skin</b>                              | Irritating to skin. Repeated exposure may cause skin dryness or cracking. May cause sensitization by skin contact.   |
| <b>Inhalation</b>                        | May cause irritation of respiratory tract. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. May cause allergic respiratory reaction.  |
| <b>Ingestion</b>                         | May be harmful if swallowed. Ingestion may cause irritation to mucous membranes. Potential for aspiration if swallowed. May cause additional affects as listed under "Inhalation".   |
| <b>Chronic Effects</b>                   | Avoid repeated exposure. Repeated or prolonged contact causes sensitization, asthma and eczemas. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Contains material which may cause cancer. Refer to Sections 11 and 15 for more information. |
| <b>Aggravated Medical Conditions</b>     | Skin disorders. Respiratory disorders. Asthma.   |
| <b>Interactions with Other Chemicals</b> | Irritants. Sensitizers. Epoxies. Use of alcoholic beverages may enhance toxic effects.   |
| <b>Environmental Hazard</b>              | See Section 12 for additional Ecological information   |

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                            | CAS-No      | Weight % |
|--|-------------|----------|
| Supplier Trade Secret                    | Proprietary | 30-60    |
| Stoddard solvent                         | 8052-41-3   | 20-55    |
| Xylenes (o-, m-, p- isomers)             | 1330-20-7   | 5-20     |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt | 136-52-7    | 0-4      |
| Aluminum                                 | 7429-90-5   | 5-20     |

### 4. FIRST AID MEASURES

|                                   |   |
|-----------------------------------|---|
| <b>General Advice</b>             | Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.   |
| <b>Eye Contact</b>                | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. |
| <b>Skin Contact</b>               | Wash off immediately with plenty of water for at least 15 minutes. Consult a physician if necessary.  |
| <b>Inhalation</b>                 | Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Immediate medical attention is required. Call a physician immediately.                                   |
| <b>Ingestion</b>                  | Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a physician immediately.  |
| <b>Notes to Physician</b>         | May cause sensitization of susceptible persons. Use of epinephrine may be indicated. Treat symptomatically.   |
| <b>Protection of First-aiders</b> | Remove all sources of ignition. Use personal protective equipment.  |

### 5. FIRE-FIGHTING MEASURES

|                             |                                 |
|-----------------------------|---------------------------------|
| <b>Flammable Properties</b> | Flammable/combustible material. |
|-----------------------------|---------------------------------|

|   |  |
|---|--|
| <b>Flash Point</b>                      | 38°C / 101°F   |
| <b>Suitable Extinguishing Media</b>     | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment |
| <b>Unsuitable Extinguishing Media</b>   | Do not use a solid water stream as it may scatter and spread fire.                                     |
| <b><u>Explosion Data</u></b>            |  |
| <b>Sensitivity to mechanical impact</b> | None   |
| <b>Sensitivity to static discharge</b>  | Yes.   |

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Flammable.

**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

|                    |                         |                       |                    |  |
|--------------------|-------------------------|-----------------------|--------------------|--|
| <b><u>NFPA</u></b> | <b>Health Hazard 2</b>  | <b>Flammability 2</b> | <b>Stability 0</b> | <b>Physical and Chemical Hazards -</b> |
| <b><u>HMIS</u></b> | <b>Health Hazard 2*</b> | <b>Flammability 2</b> | <b>Stability 0</b> | <b>Personal Precautions -</b>          |

## 6. ACCIDENTAL RELEASE MEASURES

|                                |   |
|--------------------------------|---|
| <b>Personal Precautions</b>    | Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak.   |
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.   |
| <b>Methods for Cleaning Up</b> | Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Immediately place absorbent material in a sealed water-filled metal container to avoid spontaneous combustion of absorbent material contaminated with this product. |

## 7. HANDLING AND STORAGE

|                 |   |
|-----------------|---|
| <b>Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. Do not breathe vapors or spray mist. Avoid contact with skin and eyes. |
| <b>Storage</b>  | Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place.   |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

| Chemical Name                            | ACGIH TLV                     | OSHA PEL   | NIOSH IDLH              |
|--|-------------------------------|--|-------------------------|
| Stoddard solvent                         | TWA: 100 ppm                  | TWA: 100 ppm<br>TWA: 525 mg/m <sup>3</sup><br>TWA: 2900 mg/m <sup>3</sup><br>TWA: 500 ppm                  | 20000 mg/m <sup>3</sup> |
| Xylenes (o-, m-, p- isomers)             | TWA: 100 ppm<br>STEL: 150 ppm | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 655 mg/m <sup>3</sup><br>STEL: 150 ppm<br>TWA: 100 ppm |                         |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt | TWA: 0.02 mg/m <sup>3</sup>   |  | 20 mg/m <sup>3</sup>    |
| Aluminum                                 | TWA: 10 mg/m <sup>3</sup>     | TWA: 15 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup><br>TWA: 15 mg/m <sup>3</sup>                         |                         |

NIOSH IDLH: Immediately Dangerous to Life or Health

**Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems

**Personal Protective Equipment**

**Eye/Face Protection**

Tightly fitting safety goggles. Avoid contact with eyes.

**Skin and Body protection**

Antistatic boots. Wear fire/flame resistant/retardant clothing. Impervious gloves. Long sleeved clothing.

**Respiratory Protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required

**Hygiene Measures**

When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                          |                                 |                    |
|--|--------------------------|---------------------------------|--------------------|
| <b>Appearance</b>                              | Silver                   | <b>Odor</b>                     | Solvent            |
| <b>Odor Threshold</b>                          | No information available | <b>Physical State</b>           | Liquid             |
| <b>pH</b>                                      | UNKNOWN                  |                                 |                    |
| <b>Flash Point</b>                             | 38°C / 101°F             | <b>Autoignition Temperature</b> | Not applicable     |
| <b>Decomposition Temperature</b>               | No data available        | <b>Boiling Point/Range</b>      | 139°C / 282°F      |
| <b>Melting Point/Range</b>                     | No data available        |                                 |                    |
| <b>Flammability Limits in Air</b>              | No data available        | <b>Explosion Limits</b>         | No data available  |
| <b>Specific Gravity</b>                        | 0.94                     | <b>Water Solubility</b>         | Insoluble in water |
| <b>Solubility</b>                              | No data available        | <b>Evaporation Rate</b>         | No data available  |
| <b>Vapor Pressure</b>                          | 3.9 mm Hg @ 20 C         | <b>Vapor Density</b>            | No data available  |
| <b>Bulk Density</b>                            | 7.85 lbs/gal             | <b>VOC Content</b>              | 440 g/l            |
| <b>Partition Coefficient (n-octanol/water)</b> |                          |                                 |                    |

## 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Stability</b>                        | Stable under recommended storage conditions  |
| <b>Conditions to Avoid</b>              | Heating in air.  |
| <b>Incompatible Products</b>            | Strong acids. Strong bases. Strong oxidizing agents.   |
| <b>Hazardous Decomposition Products</b> | Thermal decomposition can lead to release of irritating gases and vapors, Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ). |
| <b>Hazardous Polymerization</b>         | Hazardous polymerization does not occur  |

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

**LD50 Oral VALUE (mg/kg)** 10856 mg/kg (rat) estimated  
**LD50 Dermal VALUE** 4292 mg/kg (rat) estimated

#### Component Information

| Chemical Name                | LD50 Oral          | LD50 Dermal           | LC50 Inhalation      |
|------------------------------|--------------------|-----------------------|----------------------|
| Xylenes (o-, m-, p- isomers) | 4300 mg/kg ( Rat ) | 1700 mg/kg ( Rabbit ) | 5000 ppm ( Rat ) 4 h |

|  |  |  |                     |
|--|--|--|---------------------|
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt |  |  | 10 mg/L ( Rat ) 1 h |
|--|--|--|---------------------|

**Chronic Toxicity****Chronic Toxicity**

Avoid repeated exposure. Repeated or prolonged contact causes sensitization, asthma and eczemas. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Contains material which may cause cancer. Refer to Sections 11 and 15 for more information.

**Carcinogenicity**

Cobalt has not been shown to be carcinogenic to humans. The National Toxicology Program (NTP) does not recognize cobalt as an animal or human carcinogen. This product is a cobalt containing compound. The International Agency for Research on Cancer (IARC) classifies cobalt as "possibly carcinogenic" to human (IARC 2B) based on animal studies. Refer to IARC website ([www.iarc.fr](http://www.iarc.fr)) for most recent information. ACGIH (American Conference of Governmental Industrial Hygienist) has given Cobalt and Cobalt Inorganic Compounds a rating of A3, animal carcinogen. ACGIH states that available epidemiologic studies do not confirm an increased risk of cancer in exposed humans..

**Mutagenicity****Reproductive Toxicity**

This product does not contain any known or suspected reproductive hazards

**Target Organ Effects**

Central nervous system (CNS), Eyes, Kidney, Respiratory system, Skin.

**Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

| Chemical Name                            | Toxicity to Algae | Toxicity to Fish   | Microtox                | Daphnia Magna (Water Flea)                    |
|--|-------------------|--|-------------------------|---|
| Xylenes (o-, m-, p- isomers)             |                   | LC50= 13.4 mg/L Pimephales promelas 96 h<br>LC50= 16.1 mg/L Lepomis macrochirus 96 h<br>LC50= 26.7 mg/L Pimephales promelas 96 h<br>LC50= 8.05 mg/L Oncorhynchus mykiss 96 h | EC50 = 0.0084 mg/L 24 h | LC50 = 0.6 mg/L 48 h<br>EC50 = 3.82 mg/L 48 h |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt |                   | LC50> 100 mg/L Brachydanio rerio 96 h  |                         |   |

| Chemical Name                | Log Pow     |
|------------------------------|-------------|
| Xylenes (o-, m-, p- isomers) | 2.77 - 3.15 |

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of in accordance with local regulations

| Chemical Name                            | RCRA | RCRA - Basis for Listing       | RCRA - D Series Wastes | RCRA - U Series Wastes                           |
|--|------|--------------------------------|------------------------|--|
| Xylenes (o-, m-, p- isomers) - 1330-20-7 |      | Included in waste stream: F039 |                        | waste number U239 (Ignitable waste, Toxic waste) |

This product contains one or more substances that are listed with the State of California as a hazardous waste

| Chemical Name                            | California Hazardous Waste Status           |
|--|---|
| Xylenes (o-, m-, p- isomers)             | Toxic; Ignitable                            |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt | Toxic (powder); Ignitable (powder)<br>Toxic |
| Aluminum                                 | Ignitable (powder)                          |

**14. TRANSPORT INFORMATION**

**DOT**

**Proper Shipping Name** Consumer commodity  
**Hazard Class** ORM-D  
**Reportable Quantity (RQ)** Xylenes isomers and mixture, RQ kg = 227  
**Description** Consumer commodity,ORM-D,,RQ

**TDG**

**Proper Shipping Name** Paint  
**Hazard Class** 3  
**UN-No** UN1263  
**Packing Group** III  
**Description** PAINT,3,UN1263,PG III

**MEX**

**Proper Shipping Name** Pintura  
**Hazard Class** 3  
**UN-No** UN1263  
**Description** UN1263 Pintura,3,

**ICAO**

**UN-No** UN1263  
**Proper Shipping Name** Paint  
**Hazard Class** 3  
**Packing Group** III  
**Description** Paint,3,UN1263,PG III

**IATA**

**UN-No** UN1263  
**Proper Shipping Name** Paint  
**Hazard Class** 3  
**Packing Group** III  
**ERG Code** 3L

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**14. TRANSPORT INFORMATION**

|             |                       |
|-------------|-----------------------|
| Description | UN1263,Paint,3,PG III |
|-------------|-----------------------|

**IMDG/IMO**

|                      |                        |
|----------------------|------------------------|
| Proper Shipping Name | Paint                  |
| Hazard Class         | 3                      |
| UN-No                | UN1263                 |
| Packing Group        | III                    |
| EmS No.              | F-E, _S-E_             |
| Description          | UN1263, Paint,3,PG III |

**RID**

|                      |                        |
|----------------------|------------------------|
| Proper Shipping Name | Paint                  |
| Hazard Class         | 3                      |
| UN-No                | UN1263                 |
| Packing Group        | III                    |
| Classification Code  | F1                     |
| Description          | UN1263 Paint,3,III,RID |
| ADR/RID-Labels       | 3                      |

**ADR**

|                      |        |
|----------------------|--------|
| Proper Shipping Name | Paint  |
| Hazard Class         | 3      |
| UN-No                | UN1263 |
| Packing Group        | III    |
| Classification Code  | F1     |
| ADR/RID-Labels       | 3      |

**ADN**

|                      |                    |
|----------------------|--------------------|
| Proper Shipping Name | Paint              |
| Hazard Class         | 3                  |
| Packing Group        | III                |
| Classification Code  | F1                 |
| Special Provisions   | 163, 640E          |
| Description          | UN1263 Paint,3,III |
| Hazard Labels        | 3                  |
| Limited Quantity     | LQ7                |

**15. REGULATORY INFORMATION**

**International Inventories**

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

**U.S. 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 Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name                            | CAS-No    | Weight % | SARA 313 - Threshold Values |
|--|-----------|----------|-----------------------------|
| Xylenes (o-, m-, p- isomers)             | 1330-20-7 | 5-20     | 1.0                         |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt | 136-52-7  | 0-4      | 0.1                         |
| Aluminum                                 | 7429-90-5 | 5-20     | 1.0                         |

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire Hazard</b>                       | Yes |
| <b>Sudden Release of Pressure Hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name                | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Xylenes (o-, m-, p- isomers) | 100 lb                      |                        |                           | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs |
|---------------|--------------------------|------------------------------------|
|               |                          |                                    |

| Chemical Name                | Hazardous Substances RQs | Extremely Hazardous Substances RQs |
|------------------------------|--------------------------|------------------------------------|
| Xylenes (o-, m-, p- isomers) | 100 lb                   |                                    |

**U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical Name                            | CAS-No   | California Prop. 65 |
|--|----------|---------------------|
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt | 136-52-7 | Carcinogen          |

**U.S. State Right-to-Know Regulations**

| Chemical Name                            | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|--|---------------|------------|--------------|----------|--------------|
| Xylenes (o-, m-, p- isomers)             | X             | X          | X            | X        | X            |
| Aluminum                                 | X             | X          | X            |          | X            |
| Stoddard solvent                         | X             | X          | X            |          | X            |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt | X             | X          | X            | X        | X            |

**International Regulations**

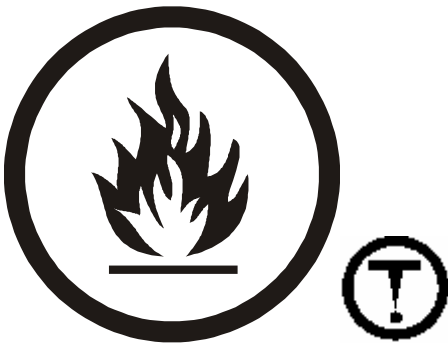
**Mexico - Grade** Moderate risk, Grade 2

| Chemical Name                | Carcinogen Status | Exposure Limits   |
|------------------------------|-------------------|---|
| Xylenes (o-, m-, p- isomers) |                   | Mexico: TWA= 435 mg/m <sup>3</sup><br>Mexico: TWA= 100 ppm<br>Mexico: STEL= 150 ppm<br>Mexico: STEL= 655 mg/m <sup>3</sup>  |
| Aluminum                     |                   | Mexico: TWA= 10 mg/m <sup>3</sup>   |
| Stoddard solvent             |                   | Mexico: TWA= 523 mg/m <sup>3</sup><br>Mexico: TWA= 100 ppm<br>Mexico: STEL= 200 ppm<br>Mexico: STEL= 1050 mg/m <sup>3</sup> |

**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**  
B3 Combustible liquid  
D2A Very toxic materials



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

**Legend**  
NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION**

**Issuing Date** 27-Apr-2007

**Revision Date**

**Revision Note** 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**