





| 1. Identification | |
|--------------------------|----------------------------------------|
| Product Name(Identifier) | Rust Remedy II SB (solvent based) |
| Manufacturer | Total Systems Technology Inc. |
| Address | 65 Terence Drive, Pittsburgh, PA 15236 |
| Phone Number | 412-653-7690 |
| Emergency Phone Number | 800-245-4828 |
| Recommended Use | Rust Proofing |
| Restrictions on Use | Not for use on skin |

| 2. Hazard Identification | |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard Statements | H228: Flammable liquid H303: May be harmful if swallowed H313: May be harmful in contact with skin H320: Causes eye irritation H335: May cause respiratory irritation Contains toxic components (Aliphatic Petroleum Distillate) |
| Precautionary Statements | P103: Read label before use P211: Do not spray on an open flame or other ignition source P261: Avoid breathing dust/fume/gas/mist/vapors/spray P262: Do not get in eyes, on skin, or on clothing P281: Use personal protective equipment as required P285: In case of inadequate ventilation wear respiratory protection |

Pictogram

| Irritant | Flammable | Toxic | Health Haz. |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |

| 3. Composition/ Information on Ingredients | |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Substances | % |
| Magnesium Aluminum Silicate (Attapulgite) | 7-12% |
| Proprietary Calcium Sulfonate Wax Blend | 42-50% |
| Aliphatic Petroleum Distillate | 25-28% |
| Mineral Spirits | 12-24% |
| Trade Secret Claims | The exact concentration of these ingredients are being withheld in accordance with the OSHA 1910.1200 (j). |

| 4. First Aid Measures | |
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| Symptoms | Irritant to eyes, nose, mouth, and lungs in an unventilated area. May also cause dizziness in an unventilated area. Possible aspiration hazard into lungs. |
| Required Treatment | <p>EYES: Flush with large amounts of water immediately. Eyelids shall be held away from eyeball.</p> <p>INHALATION: If exposure occurs, remove victim to fresh air. If breathing stopped, apply artificial respiration and administer oxygen as needed.</p> <p>SKIN: Flush with water while removing contaminated clothing. Wash exposed areas with soap and water. Discard all leather products soaked with this product. Prolonged exposure may cause dermatitis.</p> <p>ORAL: Do not induce vomiting. Seek medical attention immediately. If victim is conscious, give two glasses of water. If vomiting occurs, keep head below hips to prevent aspiration of material to lungs. Aspiration into lungs may cause pneumonitis which can be fatal.</p> |

| 5. Fire-fighting Measures | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extinguishing Techniques | Foam, CO2 Dry Chemical or Earth Fire Extinguishers. |
| Proper Equipment | SCBA. Fire retardant equipment |
| Chemical Hazards from Fire | Complex mixture of airborne solid, liquid, and gases will evolve when this material undergoes pyrolysis or combustion. Material may decompose and burn to produce CO, NO, S)x, and CaO. |
| Not acceptable Techniques | Water Spray |

| 6. Accidental Release Measures | |
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| Emergency Procedures | Stop or contain spill. Shut off leak dike up spill, and keep spills from open flame. |
| Emergency Equipment | Wear PPE outlined in Section 8. |
| Proper method of cleanup | Absorb with inert material such as dirt, earth, sand, vermiculite. |

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| 7. Handling and Storage | |
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| Precautions for Safe Handling | Ensure container is tightly sealed. |
| Precautions for Safe Storage | Avoid extreme temperatures. Store in cool, dry, isolated, well ventilated areas. Do not eat or drink in area of storage. |
| Incompatibilities | Flammable materials. |

| 8. Exposure Controls/ Personal Protective Equipment | |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OSHA PEL | Magnesium Aluminum Silicate (Attapulgate)= N/A Proprietary Calcium Sulfonate Wax Blend= N/A Aliphatic Petroleum Distillate= 100 ppm Mineral Spirits= 100 ppm |
| NIOSH REL | None Determined |
| ACGIH TLV | Magnesium Aluminum Silicate (Attapulgate)= 5 mg/m ³ Proprietary Calcium Sulfonate Wax Blend=N/A Aliphatic Petroleum Distillate= 100 ppm Mineral Spirits= 100 ppm |
| Appropriate Engineering Controls | Adequate ventilation is required. If no ventilation, respirator is required. |
| Personal Protective Equipment | INHALATION: NIOSH approved full face respirator with organic vapor cartridges. EYE: Glasses or goggles or full face shield. GLOVE: Chemical resistant gloves. SKIN: Coverall |

| 9. Physical/Chemical Properties | |
|-------------------------------------|------------------------|
| Appearance | Amber to light tan gel |
| Odor | Petroleum |
| Odor Threshold | Not determined |
| pH | N/A |
| Flash Point | 105 F |
| Melting Point/Freezing Point | N/A |
| Initial Boiling/ Freezing Point | IBP |
| Lower Flammability/Explosive Limits | 0.8 |
| Viscosity | 20,000-28,000 cps |
| Specific Gravity | 0.95 |

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|---------------------------|------------|
| Evaporation (Ether=1) | <1 |
| Auto ignition Temperature | 473 F |
| Solubility | Negligible |
| Oxidizing Properties | None |

| 10. Stability/ Reactivity | |
|------------------------------------|-------------------------------|
| Reactivity | Stable |
| Chemical Stability | Stable |
| Possibility of Hazardous Reactions | Open Flame- CO, NO, SOx, CaO. |
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| 11. Toxicological Information | |
|-------------------------------------------------|----------------------------------------|
| Acute toxicity | Aliphatic Petroleum Distillates |
| Inhalation | LC50:> 700 ppm/4hrs rat |
| Oral | LD50: > 25 ml/kg rat |
| Dermal | .4 ml/kg rabbit |
| Skin Corrosion/Irritation | Skin irritant |
| Serious Eye Irritation | Eye irritant |
| Respiratory or skin sensitization/ mutagenicity | Not determined |
| Carcinogenicity | Not determined |
| Reproductive Toxicity | Not determined |
| Specific Target Organ-Single Exposure | Not determined |
| Specific Target Organ- Repeated Exposure | Not determined |
| Aspiration Hazard | Into lungs, vomit with head below hips |

| 12. Ecological Information | |
|-------------------------------|--------------------------------------------|
| Toxicity | Not determined |
| Persistence and Degradability | Not determined |
| Mobility in soil | Not determined |
| | Dispose of as if dangerous to environment. |

| 13. Disposal Considerations | |
|-----------------------------|---------------------------------------------------------------------------|
| Waste Treatment Methods | Dispose of as if dangerous to environment |
| Contaminated Packaging | Empty containers may contain, flammable residue. Do not reuse containers. |

| 14. Transport Information | |
|---------------------------|------------------|
| DOT (US) | Flammable Liquid |

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|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| UN number | 1993 |
| UN proper shipping name | Flammable Liquid |
| Transport hazard class(es) | 3 |
| Packing group, if applicable | III |
| Environmental hazards (e.g., Marine pollutant (Yes/No) | Not determined |
| Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport | Only hazardous in volumes greater than 119 gallons. |

15. Regulatory Information

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| All components listed on TSCA | |
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16. Other Information

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preparation Date | 9/3/2014 |
| Revision Date | |
| Abbreviations | <p>OSHA- Occupational Safety and Health Administration</p> <p>NIOSH- National Institute for Occupational Safety and Health</p> <p>ACGIH- American Conference of Governmental Industrial Hygienists</p> <p>PEL- Permissible Exposure Limit</p> <p>REL- Recommended Exposure Limit</p> <p>TLV- Threshold Limit Value</p> <p>STEL- Short Term Exposure Limit</p> <p>TWA- Time Weighted Average (8 hr/day).</p> <p>Ppm-parts per million</p> <p>Mg/m³- milligrams per meters cubed</p> |
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