





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	
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><b>EYES:</b> Flush with large amounts of water immediately. Eyelids shall be held away from eyeball.</p> <p><b>INHALATION:</b> If exposure occurs, remove victim to fresh air. If breathing stopped, apply artificial respiration and administer oxygen as needed.</p> <p><b>SKIN:</b> 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><b>ORAL:</b> 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. <b>Aspiration into lungs may cause pneumonitis which can be fatal.</b></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	
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	
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 <sup>3</sup> 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	<b>INHALATION:</b> NIOSH approved half face respirator with organic vapor cartridges. <b>EYE:</b> Glasses or goggles or full face shield. <b>GLOVE:</b> Chemical resistant gloves. <b>SKIN:</b> 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

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, SO <sub>x</sub> , CaO.

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

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

#### 15. Regulatory Information

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

<b>Preparation Date</b>	9/3/2014
<b>Revision Date</b>	8/2/2018
<b>Abbreviations</b>	<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/m<sup>3</sup>- milligrams per meters cubed</p>
<b>Notice</b>	<p>Judgments as to the suitability of information herein for purchaser's purposes are the purchaser's responsibility. TST has taken reasonable care in preparing above information to be as accurate as possible. TST makes no warranties, representations, and assumes no responsibility to the suitability of such information and for the application of said product and the consequences that occur.</p>