



# Material Safety Data Sheet

## RUST VETO 344

### 1. Chemical Product and Company Identification

Product Name	RUST VETO 344	Emergency Phone Number	24 HOUR - (800) 424-9300 (CHEMTREC)
Company Name	Houghton International Inc. Madison & Van Buren Aves Valley Forge, PA 19482	FAX	(610) 666-1376
Website	www.houghtonintl.com	Customer Service	(888) 459-9844
Telephone	(610) 666-4000		

### 2. Hazardous Ingredients

Component	Cas No	% by Weight	Hazards
Resin	8052-42-4	>50	TLV: 0.5 mg/m <sup>3</sup> - fume PEL: N/E
Stoddard Solvent	8052-41-3	<50	TLV: 100 ppm PEL: 500 ppm STEL: N/E Other: NIOSH: 350 mg/m <sup>3</sup>

N/E - Not Established; N/A - Not Applicable; Mfr - Manufacturer Recommendation

### 3. Hazards Identification

Primary Entry Routes	EYES, SKIN, INHALATION
Acute Effects	
Inhalation	INHALATION MAY CAUSE DIZZINESS, HEADACHE, NAUSEA OR IRRITATION OF THE UPPER RESPIRATORY TRACT.
Eye	MAY CAUSE EYE IRRITATION.
Skin	PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.
Ingestion	INGESTION MAY CAUSE NAUSEA OR DISCOMFORT. ASPIRATION MAY CAUSE LUNG DAMAGE.
Carcinogenicity	THIS PRODUCT DOES NOT CONTAIN ANY COMPONENT REPORTABLE AS A CARCINOGEN UNDER 29 CFR 1910.1200.
Medical Conditions Aggravated by LongTerm Exposure	PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

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Chronic Effects SEE EFFECTS ABOVE.

## HMIS:

Health	1
Flammability	2
Physical Hazard	0

\* indicates that there may be chronic health effects present

**4. First Aid Measures**

Inhalation	IF INHALED, REMOVE TO A SOURCE OF FRESH AIR.
Eye Contact	FLUSH EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.
Skin Contact	WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSING. CONSULT PHYSICIAN IF IRRITATION PERSISTS.
Ingestion	IF INGESTED, DO NOT INDUCE VOMITING! CONSULT PHYSICIAN.
Note to Physicians	NO SPECIFIC ANTIDOTE KNOWN. BASED ON INDIVIDUAL REACTIONS OF THE PATIENT, THE PHYSICIAN'S JUDGMENT SHOULD BE USED TO CONTROL SYMPTOMS AND CLINICAL CONDITIONS.

N/A - Not Applicable

**5. Fire Fighting Measures**

Flash Point	>110°F
Method Used	TAG CLOSED CUP
Autoignition Temperature	485°F
LEL	1.0
UEL	6.0
Extinguishing Media	USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM. USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.
Unusual Fire or Explosion Hazards	PRODUCT FLOATS ON WATER CREATING A POTENTIAL FLOATING FIRE HAZARD.



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### 5. Fire Fighting Measures - continued

Hazardous Combustion Products

HYDROGEN SULFIDE GAS AND OTHER SULFUR-CONTAINING GASES CAN BE GIVEN OFF WHEN HEATED ABOVE 130°F. BURNING CAN PRODUCE CARBON DIOXIDE AND/OR CARBON MONOXIDE.

Fire Fighting Instructions

WEAR PROTECTIVE GEAR DURING FIREFIGHTING. DO NOT DIRECT A SOLID STREAM OF WATER INTO BURNING POOLS. THIS MAY CAUSE FROTHING AND INCREASE FIRE INTENSITY.

NFPA:

Health	1
Flammability	1
Reactivity	0
Special	N/A

N/A - Not Applicable; ND - Not Determined; > - Greater Than; < - Less Than

### 6. Accidental Release Measures

Spill or Release Procedures

PROVIDE VENTILATION. REMOVE ALL SOURCES OF IGNITION. RECOVER AND REUSE IF POSSIBLE. PLACE IN A SUITABLE CONTAINER. APPLY DRY ABSORBENT MATERIAL TO RESIDUES AND SWEEP UP THOROUGHLY.

### 7. Handling and Storage

Handling Precautions

VAPORS CONTAINING HYDROGEN SULFIDE MAY ACCUMULATE DURING STORAGE OR TRANSPORT. USE CAUTION VENTING DRUMS BEFORE USE. USE WITH ADEQUATE VENTILATION. KEEP AWAY FROM SOURCES OF HEAT AND IGNITION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Storage Requirements

KEEP AWAY FROM STRONG OXIDIZERS AND SOURCES OF HEAT. KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE IN A COOL, DRY, WELL VENTILATED AREA. OUTSIDE STORAGE IS RECOMMENDED.

### 8. Exposure Controls/Personal Protection

Engineering Controls

PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE EXPOSURE LIMITS IN SECTION 2.

Personal Protective Equipment



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### 8. Exposure Controls/Personal Protection - continued

Eye/Face Protection	WEAR SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
Skin Protection	USE RUBBER GLOVES AND LONG SLEEVES TO MINIMIZE SKIN EXPOSURE. USE APRON OR OVERALLS IF SPLASHING IS POSSIBLE.
Respiratory Protection	RESPIRATORY PROTECTION REQUIRED IF APPLICABLE EXPOSURE LIMITS ARE EXCEEDED. RECOMMENDED IN MISTING CONDITIONS.
Other	EYEWASH AND SAFETY SHOWER RECOMMENDED.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, or applying cosmetics.

### 9. Physical and Chemical Properties

Appearance	VISCOUS DARK BROWN-BLACK LIQUID	pH (Neat)	N/A
Odor	SOLVENT ODOR	Water Solubility	INSOLUBLE
Vapor Pressure (mmHg)	N/D	Boiling Point	N/D
Vapor Density (Air = 1)	N/D	Freezing/ Melting Point	N/D
Specific Gravity (Water = 1)	< 0.99	Evaporation Rate (BuAc = 1)	< 1

N/D - Not Determined; N/A - Not Applicable; > - Greater Than; < - Less Than

### 10. Stability and Reactivity

Stability	THIS PRODUCT IS STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.
Conditions to Avoid	AVOID EXTREME HEAT. HYDROGEN SULFIDE AND OTHER TOXIC VAPORS ARE GIVEN OFF WHEN HEATED. USE WITH ADEQUATE VENTILATION.
Chemical Incompatibilities	AVOID CONTACT WITH STRONG OXIDIZERS.
Hazardous Decomposition Products	THERMAL; HYDROGEN SULFIDE GAS AND OXIDES OF CARBON
Hazardous Polymerization	HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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RUST VETO 344****11. Toxicological Information**

NO DATA AVAILABLE

**12. Ecological Information**

NO DATA AVAILABLE

**13. Disposal Considerations**

Disposal	FOLLOW PERTINENT REGULATIONS FOR DISPOSAL. IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE. (40 CFR 261.20-24)
RCRA Hazardous Waste Number	N/A

**14. Transportation Information**

Proper Shipping Name	GROUND TRANSPORTATION OF NON-BULK CONTAINERS IS NOT HAZARDOUS PER DOT REGULATIONS. BULK GROUND - NA1993, COMBUSTIBLE LIQUID, N.O.S. (MINERAL SPIRITS), III. AIR OR IMO - UN1999, TARS, LIQUID, 3, III.
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**15. Regulatory Information**

TSCA Section 8(b)	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE TSCA INVENTORY.
DSL	ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE CANADIAN DSL. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.
CERCLA Reportable Quantity	NONE
SARA Title III, Section 313	THIS PRODUCT CONTAINS NO TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

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SCAQMD	THIS PRODUCT IS NOT TO BE USED IN CALIFORNIA'S SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT BECAUSE IT DOES NOT COMPLY WITH RULE 1144.
Ozone Depleting Substances	THIS PRODUCT WAS NOT MANUFACTURED, DOES NOT CONTAIN, AND WAS NOT PACKAGED USING ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCE AS DEFINED BY THE CLEAN AIR ACT.
WHMIS	B3, D2B

**16. Other Information**

Prepared By	GARY CARL
Title	MANAGER, PRODUCT SAFETY

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