



Material Safety Data Sheet

RUST VETO A-2

1. Chemical Product and Company Identification

Product Name	RUST VETO A-2	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
Ethylbenzene	100-41-4	10-20	TLV: 100 ppm PEL: 100 ppm STEL: 125 ppm Other:
Xylene	1330-20-7	>60	TLV: 100 ppm PEL: 100 ppm STEL: 150 ppm Other:

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

3. Hazards Identification

Primary Entry Routes	EYES, SKIN, INHALATION
Acute Effects	
Inhalation	INHALATION OF MISTS MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT, HEADACHE, NAUSEA OR DIZZINESS.
Eye	MAY CAUSE MILD EYE IRRITATION.
Skin	MAY CAUSE MODERATE SKIN IRRITATION ON PROLONGED CONTACT IF SKIN IS SENSITIVE.
Ingestion	INGESTION MAY CAUSE LIVER DAMAGE IF ABSORBED INTO THE DIGESTIVE TRACT. ASPIRATION MAY CAUSE LUNG DAMAGE.
Carcinogenicity	NTP:ETHYLBENZENE; IARC:NONE; OSHA:NONE



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3. Hazards Identification - continued

Medical Conditions
Aggravated by LongTerm
Exposure

PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED
BY EXPOSURE.

Chronic Effects

UNKNOWN

HMIS:

Health	2*
Flammability	3
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 IF
IRRITATION PERSISTS.

Skin Contact

WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING
AND LAUNDER 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

80°F / 26.7°C

Method Used

PENSKY MARTENS CLOSED CUP

Autoignition Temperature

N/D

LEL

N/D

UEL

N/D



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5. Fire Fighting Measures - continued

Extinguishing Media	USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM.
Unusual Fire or Explosion Hazards	VAPOR ACCUMULATION MAY FLASH OR EXPLODE IF IGNITED.
Fire Fighting Instructions	WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS.
NFPA:	
Health	2
Flammability	3
Reactivity	0
Special	N/A

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

6. Accidental Release Measures

Spill or Release Procedures	REMOVE ALL SOURCES OF IGNITION. PROVIDE VENTILATION. APPLY DRY ABSORBENT MATERIAL AND SWEEP UP THOROUGHLY. FLUSH AREA WITH WATER AND MOP UP THOROUGHLY TO AVOID RESIDUAL SLIPPERINESS.
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7. Handling and Storage

Handling Precautions	KEEP AWAY FROM SOURCES OF HEAT, SPARKS AND OPEN FLAMES. WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION.
Storage Requirements	KEEP CONTAINERS CLOSED WHEN NOT IN USE.

8. Exposure Controls/Personal Protection

Engineering Controls	GENERAL MECHANICAL VENTILATION IS ADEQUATE. LOCAL EXHAUST PREFERRED IN MISTING CONDITIONS.
Personal Protective Equipment	
Eye/Face Protection	WEAR SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
Skin Protection	USE RUBBER GLOVES AND PROTECTIVE CLOTHING TO MINIMIZE SKIN CONTACT.

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RUST VETO A-2****8. Exposure Controls/Personal Protection - continued**

Respiratory Protection	RESPIRATORY PROTECTION REQUIRED IF APPLICABLE EXPOSURE LIMITS ARE EXCEEDED.
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	YELLOW LIQUID	Water Solubility	INSOLUBLE
Odor	AROMATIC HYDROCARBON	Boiling Point	> 250°F
Vapor Pressure (mmHg)	N/D	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	N/D	VOC	88%
Specific Gravity (Water = 1)	0.875	VOC Method Used	EPA METHOD 24
pH (Neat)	N/A	Evaporation Rate (BuAc = 1)	< 1
pH (Dilution)			
pH	N/A		

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.
Chemical Incompatibilities	AVOID CONTACT WITH STRONG OXIDIZERS.
Hazardous Decomposition Products	THERMAL: OXIDES OF CARBON
Hazardous Polymerization	HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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RUST VETO A-2****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	D001 (IGNITABILITY)

14. Transportation Information

Proper Shipping Name	UN1307, XYLENE SOLUTION, 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	XYLENE: RQ - 100 LBS; ETHYLBENZENE: RQ - 1000 LBS
SARA Title III, Section 313	71% XYLENE (CAS NO. 1330-20-7) AND 18% ETHYLBENZENE (CAS NO. 100-41-4).
Michigan Critical Materials Register	APPROXIMATELY 71% XYLENE.
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.

**Material Safety Data Sheet
RUST VETO A-2****15. Regulatory Information - continued**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

B2, D2A, D2B

16. Other Information

A STUDY CONDUCTED BY THE NATIONAL TOXICOLOGY PROGRAM STATES THAT LIFETIME INHALATION EXPOSURE OF RATS AND MICE TO CONCENTRATIONS OF ETHYLBENZENE (750 PPM) RESULTED IN INCREASES IN CERTAIN TYPES OF CANCER, INCLUDING KIDNEY TUMORS IN RATS AND LUNG AND LIVER TUMORS IN MICE. THESE EFFECTS WERE NOT OBSERVED IN AMINALS EXPOSED TO LOWER CONCENTRATIONS OF ETHYLBENZENE (75 PPM OR 250 PPM). THE STUDY DOES NOT ADDRESS THE RELEVANCE OF THESE RESULTS TO HUMANS.

Prepared By

GARY CARL

Title

MANAGER, PRODUCT SAFETY

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