



Material Safety Data Sheet

RUST VETO 4214-W

1. Chemical Product and Company Identification

Product Name	RUST VETO 4214-W	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
Glycol Ether	112-34-5	1-10	TLV: N/E PEL: N/E STEL: N/E Other: 35 ppm (Mfr)
Kerosene	8008-20-6	>60	TLV: 200 mg/m ³ (vapor) PEL: N/E STEL: N/E Other: 100 mg/m ³
Mineral Oil	64741-88-4 64742-52-5 64742-53-6 64742-54-7 64742-65-0	1-10	TLV: 5 mg/m ³ as oil mist PEL: 5 mg/m ³ as oil mist STEL: 10 mg/m ³ as oil mist Other:
Paraffin Wax	64742-51-4	1-10	TLV: 2 mg/m ³ as fumes PEL: N/E STEL: N/E Other:

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

3. Hazards Identification

Primary Entry Routes EYES, SKIN, INHALATION

Acute Effects

Inhalation AVOID BREATHING PRODUCT VAPORS. BREATHING VAPORS IN EXCESS OF THE TLV MAY CAUSE HEADACHE, DIZZINESS OR NAUSEA.

Eye MODERATE EYE IRRITANT.



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3. Hazards Identification - continued

Skin	MAY HAVE DEFATTING ACTION ON SKIN.
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.
Chronic Effects	UNKNOWN
HMIS:	
Health	1
Flammability	2
Reactivity	0

* indicates that there may be chronic health effects present

4. First Aid Measures

Inhalation	IF INHALED, REMOVE TO SOURCE OF FRESH AIR.
Eye Contact	FLUSH EYES WITH WATER 15 MINUTES, CONSULT PHYSICIAN IF IRRITATION PERSISTS.
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

**Material Safety Data Sheet
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Flash Point	150°F / 66°C (PENSKY MARTENS CLOSED CUP)
Autoignition Temperature	N/D
LEL	N/D
UEL	N/D
Extinguishing Media	USE CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER MAY BE INEFFECTIVE AND CAUSE SPLATTERING.
Unusual Fire or Explosion Hazards	KEEP AWAY FROM OPEN FLAMES AND SOURCES OF HEAT.
Fire Fighting Instructions	WEAR PROTECTIVE GEAR DURING FIREFIGHTING.
NFPA:	
Health	1
Flammability	2
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. APPLY DRY ABSORBENT MATERIAL. SWEEP UP AND PLACE IN A SUITABLE CONTAINER.
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7. Handling and Storage

Handling Precautions	AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE PRODUCT WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.
Storage Requirements	KEEP AWAY FROM SOURCES OF HEAT, OPEN FLAMES AND SPARKS. AVOID CONTACT WITH STRONG OXIDIZERS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

**Material Safety Data Sheet
RUST VETO 4214-W****8. Exposure Controls/Personal Protection**

Engineering Controls	USE EXHAUST TYPE IN CONFINED AREAS; GENERAL TYPE OK FOR NORMAL USE.
Personal Protective Equipment	
Eye/Face Protection	WEAR SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
Skin Protection	USE APRON AND CHEMICAL RESISTANT GLOVES. BARRIER CREAMS MAY BE HELPFUL IF SKIN IS SENSITIVE.
Respiratory Protection	RESPIRATORY PROTECTION REQUIRED IF APPLICABLE EXPOSURE LIMITS ARE EXCEEDED.
Other	EYE WASH 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	LIGHT AMBER LIQUID	Water Solubility	INSOLUBLE
Odor	LIGHT KEROSENE ODOR	Boiling Point	350-450° F
Vapor Pressure (mmHg)	< 1	Freezing/ Melting Point	N/D
Vapor Density (Air = 1)	> 1	Evaporation Rate (BuAc = 1)	< 1
Specific Gravity (Water = 1)	0.822		
pH (Neat)	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	STRONG OXIDIZERS
Hazardous Decomposition Products	THERMAL; OXIDES OF CARBON, TRACES OF SULFUR OXIDES.

**Material Safety Data Sheet
RUST VETO 4214-W****10. Stability and Reactivity - continued**

Hazardous Polymerization

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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

NON-BULK GROUND TRANSPORTATION - NOT HAZARDOUS UNDER DOT.
BULK GROUND TRANSPORTATION - COMBUSTIBLE LIQUID, N.O.S.
(KEROSENE), NA 1993, III.

15. Regulatory Information

TSCA Section 8(b)

ALL OF THE COMPONENTS IN THIS PRODUCT ARE ON THE TSCA INVENTORY.

CERCLA Reportable
Quantity

NONE

SARA Title III, Section 313

2% GLYCOL ETHER.

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.



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16. Other Information

Prepared By

GARY CARL

Title

MANAGER, PRODUCT SAFETY

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