



HOUGHTON

Houghton International Inc.

Revision Date : 07/15/2013

Material Safety Data Sheet RUST VETO 342

1. Chemical Product and Company Identification

Product Name	RUST VETO 342	FAX	(610) 666-1376
Company Name	Houghton International Inc. Madison & Van Buren Aves Valley Forge, PA 19482	Customer Service	(888) 459-9844
Website	www.houghtonintl.com	Product Use	Corrosion Inhibitor
Telephone	(610) 666-4000		
Emergency Phone Number	3E Company: 1-866-519-4752 (USA, Canada, Mexico)		
Company Access Code	333938		

2. Hazardous Ingredients

Component	Cas No	% by Weight	Hazards
Aliphatic Petroleum Solvent	64742-47-8 64742-88-7	30-60	TLV: 100 ppm PEL: 500 ppm
Hexylene Glycol	107-41-5	1-10	TLV: 25 ppm - ceiling PEL: N/E

N/E - Not Established; N/A - Not Applicable; Mfr - Manufacturer Recommendation
TLV, STEL - ACGIH; PEL - OSHA

3. Hazards Identification

Primary Entry Routes EYES, SKIN, INHALATION

Acute Effects

Inhalation	INHALATION OF VAPORS IN EXCESS OF THE TLV MAY CAUSE HEADACHE, DIZZINESS, OR NAUSEA.
Eye	MAY BE A MODERATE EYE IRRITANT.
Skin	PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION OR HAVE A DEFATTING EFFECT ON THE SKIN.



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3. Hazards Identification - continued

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	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. APPLY SKIN CREAMS. 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



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5. Fire Fighting Measures

Flash Point	105°F / 40°C
Method Used	TAG CLOSED CUP
Autoignition Temperature	N/D
LEL	N/D
UEL	N/D
Extinguishing Media	USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM. WATER MAY BE INEFFECTIVE TO FIGHT FIRES. USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.
Unusual Fire or Explosion Hazards	VAPOR ACCUMULATION MAY FLASH OR EXPLODE IF IGNITED.
Fire Fighting Instructions	WEAR FULL PROTECTIVE GEAR INCLUDING AIR-PACK WITH FULL FACEPIECE, ESPECIALLY IN CONFINED AREAS. USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.

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	ELIMINATE ALL SOURCES OF IGNITION. PROVIDE VENTILATION. APPLY DRY ABSORBENT MATERIAL AND SWEEP UP THOROUGHLY. PLACE IN A SUITABLE CONTAINER FOR DISPOSAL.
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7. Handling and Storage

Handling Precautions

AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. PROPERLY GROUND ALL EQUIPMENT.

Storage Requirements

DO NOT STORE NEAR SOURCES OF HEAT, OPEN FLAMES OR SPARKS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. EMPTY CONTAINERS MAY CONTAIN HAZARDOUS VAPORS AND RESIDUE AND THEREFORE RETAIN ALL HAZARDS.

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

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

IF THE EXPOSURE LIMITS ARE EXCEEDED, USE A CHEMICAL CARTRIDGE RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR SUPPLIED AIR RESPIRATOR IN ACCORDANCE WITH 29CFR1910.134.

Other

EYEWASH AND SAFETY SHOWER RECOMMENDED.

Comments

USE OF GLOVES AND OTHER SKIN PROTECTION DEPENDS ON THE DURATION OF EXPOSURE AND THE TASK BEING PERFORMED. IF NECESSARY, USE CHEMICALLY RESISTANT GLOVES SUCH AS NEOPRENE, NITRILE OR EQUIVALENT MATERIALS.

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 BROWN FLUID	Water Solubility	NEGLIGIBLE
Odor	MINERAL SPIRITS	Boiling Point	
Vapor Pressure (mmHg)	N/D	Freezing/ Melting Point	N/A



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9. Physical and Chemical Properties - continued

Vapor Density (Air = 1)	N/D	Evaporation Rate (BuAc = 1)	< 1
Specific Gravity (Water = 1)	0.87		
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	AVOID CONTACT WITH STRONG OXIDIZERS.
Hazardous Decomposition Products	THERMAL: OXIDES OF CARBON
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	D001 (IGNITABILITY)



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14. Transportation Information

Proper Shipping Name	NON-BULK GROUND - NOT HAZARDOUS BULK GROUND - NA 1993, COMBUSTIBLE LIQUID, N.O.S., III. AIR & IMO - PETROLEUM DISTILLATES, N.O.S., 3, UN 1268, 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.
SCAQMD	SCAQMD RULE 1144: THIS PRODUCT EXCEEDS VOC CONCENTRATIONS SET BY SCAQMD AS DETERMINED BY TEST METHOD ASTM E1868-10 AND CANNOT BE USED AS A METAL WORKING FLUID OR AS A DIRECT CONTACT LUBRICANT IN CALIFORNIA'S SCAQMD REGION AS PER 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	BILL SHADE
Title	MANAGER, PRODUCT STEWARDSHIP
Telephone Number	(610) 666-4000



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16. Other Information - continued

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