



RUST-OLEUM

RUST REFORMER 0001558, 3575

Revised: 7/9/2003

MSDS Contents

- SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
- SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS
- SECTION 3 - HAZARDS IDENTIFICATION
- SECTION 4 - FIRST AID MEASURES
- SECTION 5 - FIRE FIGHTING MEASURES
- SECTION 6 - ACCIDENTAL RELEASE MEASURES
- SECTION 7 - HANDLING AND STORAGE
- SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION
- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
- SECTION 10 - STABILITY AND REACTIVITY
- SECTION 11 - TOXICOLOGICAL PROPERTIES
- SECTION 12 - ECOLOGICAL INFORMATION
- SECTION 13 - DISPOSAL CONSIDERATIONS
- SECTION 14 - TRANSPORTATION INFORMATION
- SECTION 15 - REGULATORY INFORMATION
- SECTION 15 - REGULATORY INFORMATION
- SECTION 16 - OTHER INFORMATION

Item Number:
5W181

Mfg. Model Number:
3575-402

*Clean up
Soap & Water - Wet
Xylene - if starting to dry*

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RUST REFORMER 0001558

IDENTIFICATION NUMBER:
3575
402

DATE PRINTED: 07/10/03

PRODUCT USE/CLASS: RUST CONVERTER/SPECIAL PURPOSE

SUPPLIER:

RUST-OLEUM CORPORATION
11 HAWTHORN PARKWAY
VERNON HILLS, ILLINOIS 60061
USA

800-553-8444

(847) 367-7700 RUST-OLEUM CORP.
8:00 AM-4:30 PM/24-HR EMER. ASSIST

MANUFACTURER:

RUST-OLEUM CORPORATION
 11 HAWTHORN PARKWAY
 VERNON HILLS, ILLINOIS 60061
 USA

(847) 367-7700 RUST-OLEUM CORP.
 8:00 AM-4:30 PM/24-HR EMER. ASSIST

PREPARER: MTM

PHONE: 847-816-2226

PREPARE DATE: 07/09/03

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	TANNIC ACID	1401-55-4	5.0 %
02	FUMED SILICA	112945-52-5	1.0 %

EXPOSURE LIMITS:

ITEM	ACGIH		OSHA		MEXICAN	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	N.E.	N.E.	N.E.	N.E.	N.E.	NO
02	10 MG/M3	N.E.	N.E.	N.E.	N.E.	NO

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DO NOT TASTE OR SWALLOW.

EFFECTS OF OVEREXPOSURE - EYE CONTACT:
 IRRITATING, AND MAY INJURE EYE TISSUE IF NOT REMOVED PROMPTLY.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
 LOW HAZARD FOR USUAL INDUSTRIAL HANDLING OR COMMERCIAL HANDLING BY TRAINED PERSONNEL.

EFFECTS OF OVEREXPOSURE - INHALATION:
 PROLONGED OR EXCESSIVE INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION.

EFFECTS OF OVEREXPOSURE - INGESTION: SUBSTANCE MAY BE HARMFUL IF SWALLOWED.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: NO INFORMATION.

PRIMARY ROUTE(S) OF ENTRY:

SKIN CONTACT

INGESTION

EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT:

HOLD EYELIDS APART AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
GET MEDICAL ATTENTION.

FIRST AID - SKIN CONTACT:

WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

FIRST AID - INHALATION:

IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ASSISTANCE IMMEDIATELY.

FIRST AID - INGESTION:

SWALLOWING LESS THAN AN OUNCE WILL NOT CAUSE SIGNIFICANT HARM. FOR LARGER AMOUNTS, DO NOT INDUCE VOMITING, BUT GIVE ONE OR TWO GLASSES OF WATER TO DRINK AND GET MEDICAL ATTENTION.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N.A.

LOWER EXPLOSIVE LIMIT: N.A.

UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: UNKNOWN

UNUSUAL FIRE AND EXPLOSION HAZARDS: NO INFORMATION.

SPECIAL FIREFIGHTING PROCEDURES: NO INFORMATION.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: NO INFORMATION.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

WASH THOROUGHLY AFTER HANDLING. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE IT MAY RETAIN PRODUCT RESIDUES.

STORAGE: KEEP AWAY FROM HEAT, SPARKS, FLAME AND SOURCES OF IGNITION.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. PREVENT BUILD-UP OF VAPORS BY OPENING ALL DOORS AND WINDOWS TO ACHIEVE CROSS-VENTILATION.

RESPIRATORY PROTECTION:

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

SKIN PROTECTION: USE GLOVES TO PREVENT PROLONGED SKIN CONTACT.

EYE PROTECTION:

USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:

REFER TO SAFETY SUPERVISOR OR INDUSTRIAL HYGIENIST FOR FURTHER INFORMATION REGARDING PERSONAL PROTECTIVE EQUIPMENT AND ITS APPLICATION.

HYGIENIC PRACTICES:

WASH THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: N.A.

VAPOR DENSITY: IS HEAVIER THAN AIR

ODOR: AMMONICAL

ODOR THRESHOLD: N.D.

APPEARANCE: LIQUID

EVAPORATION RATE: IS SLOWER THAN ETHER

SOLUBILITY IN H2O: SOLUBLE

FREEZE POINT: N.D.

SPECIFIC GRAVITY: 1.3000

VAPOR PRESSURE: N.D.

pH @ 0.0 %: N.D.

PHYSICAL STATE: LIQUID

VISCOSITY: N.D.

COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D.

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: NO INFORMATION.

INCOMPATIBILITY:

INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES.

HAZARDOUS DECOMPOSITION PRODUCTS:

BY OPEN FLAME, CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

SECTION 11 - TOXICOLOGICAL PROPERTIES

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME	LD50	LC50
TANNIC ACID	5 G/KG RAT	NO INFORMATION

FUMED SILICA 3160 MG/KG RAT N.E.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

PRODUCT IS A MIXTURE OF LISTED COMPONENTS.
ACCORDING TO OUR RAW MATERIAL SUPPLIERS, ALL COMPONENTS ARE LISTED ON THE
TSCA INVENTORY AS REQUIRED OR MEET THE POLYMER EXEMPTION AS DEFINED IN
SECTION 5.5.2 OF THE TOXIC SUBSTANCES CONTROL ACT.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

DISPOSE OF MATERIAL IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS
AND
ORDINANCES. DO NOT ALLOW TO ENTER STORM DRAINS OR SEWER SYSTEMS.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: PAINT

DOT TECHNICAL NAME:

DOT HAZARD CLASS:
HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

RESP. GUIDE PAGE:

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA:

HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:

NONE

SARA SECTION 313:

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES 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:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
---------------	------------	----------------------

NO SARA SECTION 313 COMPONENTS EXIST IN THIS PRODUCT ABOVE DE MINIMIS LEVELS.

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT:

CHEMICAL NAME	CAS NUMBER
WATER DEIONIZED	7732-18-5
VINYLCOPOLYMER RESIN	NOT AVAILABLE
BARIUM SULFATE	7727-43-7

PENNSYLVANIA RIGHT-TO-KNOW:

THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%:

CHEMICAL NAME	CAS NUMBER
WATER DEIONIZED	7732-18-5
VINYLCOPOLYMER RESIN	NOT AVAILABLE
BARIUM SULFATE	7727-43-7

CALIFORNIA PROPOSITION 65:

WARNING:

THE CHEMICAL(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT, ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

CHEMICAL NAME	CAS NUMBER
---------------	------------

ACCORDING TO OUR RAW MATERIAL SUPPLIERS NO PROPOSITION 65 CHEMICALS EXIST IN THIS PRODUCT ABOVE OSHA DE MINIMUS LEVELS. ALL PRODUCTS COMPLY WITH LABEL PROVISIONS OF PROPOSITION 65.

SECTION 15 - REGULATORY INFORMATION

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS:

THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR USE OF THE 16 HEADINGS.

CANADIAN WHMIS CLASS: D2B

SECTION 16 - OTHER INFORMATION

HMIS RATINGS -

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 06/28/00

REASON FOR REVISION: WHMIS CLASS ADDITION

LEGEND:

N.A. - NOT APPLICABLE

N.E. - NOT ESTABLISHED

N.D. - NOT DETERMINED

: NO INFORMATION.

THE INFORMATION CONTAINED ON THIS MSDS HAS BEEN CHECKED AND SHOULD BE ACCURATE. HOWEVER, IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

PRODUCT:

3575

402

PREPARATION DATE: 07/09/03