

For Coatings, Resins and Related Materials

For Customer: 001670 STANLEY TOOL

Revised : 11/29/93

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 SECTION I - PRODUCT IDENTIFICATION
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Manufacturer: FERRO CORPORATION - PDI
 54 Kellogg Court
 Edison NJ 08817
 Information Phone: 1-908-287-1930
 Emergency Phone: 1-216-641-5324
 CHEMTREC Phone: 1-800-424-9300

Product Class: ! HMIS Hazard Ratings: Health - 1
 Trade Name : ORANGE-33 ! none -> extreme Fire - 0
 Product Code : 33-61020 ! 0 ---> 4 Reactivity - 0
 C.A.S. Number: MIXTURE !
 Customer's No: 33-61020 ! Personal Protection - B

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 SECTION II - HAZARDOUS INGREDIENTS
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Ingredients	CAS #	Weight %	--- Exposure Limits ---	VP
			ACGIH/TLV OSHA/PEL	mm HG
C. I. Basic Red 1	989-38-8	< 1.	N.E. N.E.	N/AP

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory.

N.E. = Not Established

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 SECTION III - PHYSICAL DATA
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Boiling Range: 250 - 250 Deg. C
 Vapor Density: Heavier than Air.
 Evap. Rate: Non Volatile
 Liquid Density: Heavier than Water.
 Volatiles vol % 0.0 Wgt% 0.0
 Wgt per gallon: 9.33 Pounds.
 Spec. Gravity: 1.12005

Appearance: VISCOUS ORANGE LIQUID OR PASTE

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 SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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Flammability Class: Flash Point: 187.8 C TOC LEL: UEL: 0.00%

-EXTINGUISHING MEDIA:

Use foam, carbon dioxide or dry chemical

-SPECIAL FIREFIGHTING PROCEDURES

Extinguish flame from perimeter inward to main body of fire.

Etinguisher Media:ABC Extinguisher,Carbon Dioxide,Foam,Water.

Special fire fighting procedures:

Water or foam may cause frothing when applied to liquids having flash points above 100 degrees C. The frothing may be quite violent and endanger the life of the firefighter particularly when solid streams are directed into the hot burning liquid.

ESTER POLYOL: Firefighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved self-contained breathing apparatus and protective clothing.

-UNUSUAL FIRE & EXPLOSION HAZARDS:

None

SECTION V - HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:

See section II

-EFFECTS OF OVEREXPOSURE:

None

-FIRST AID:

INGESTION: Induce vomiting - Consult physician

EYE CONTACT: Flush well with cold water - Consult physician

SKIN CONTACT: Immediately wash skin with soap and plenty of water. Remove contaminated clothing and shoes. Wash or clean before reuse.

SECTION VI - REACTIVITY DATA

STABILITY: [] Unstable [x] Stable

HAZARDOUS POLYMERIZATION: [] May occur [x] Will not occur

-INCOMPATIBILITY:

ESTER POLYOL: Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.

-CONDITIONS TO AVOID:

Keep materials with ester polyol from strong oxidizers.

-HAZARDOUS DECOMPOSITION PRODUCTS:

Combustion will produce carbon dioxide and carbon monoxide.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Confine spill. Transfer to secure containers where necessary, Collect using absorbent media. Flush area with hot water and detergent.

-WASTE DISPOSAL METHOD:

Dispose of in accordance with Federal, State and Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION:

-RESPIRATORY PROTECTION:

Where dust may be present, an approved NIOSH/MSHA dust respirator is recommended.

-VENTILATION:

Mechanical Ventilation Suggested.

-PROTECTIVE GLOVES:

Chemical workers gloves is recommended.

-EYE PROTECTION:

Chemical goggles as needed to prevent eye contact.

-OTHER PROTECTIVE EQUIPMENT:

Practice good hygiene, wash hands and face before eating or smoking. Launder clothing before reuse.

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 SECTION IX - SPECIAL PRECAUTIONS

-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles.

Keep away from food and feed products.

-OTHER PRECAUTIONS:

None

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 SECTION X - REGULATORY INFORMATION

-SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
989-38-8	C. I. Basic Red 1	0.14

-PROP 65 (CARCINOGEN):

WARNING: This product contains a chemical known to the state of California to cause cancer.

CAS#	Chemical Name
	None

-PROP 65 (REPRODUCTIVE TOXICANTS):

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS#	Chemical Name
	None

-PROP 65 (BOTH CARCINOGEN AND REPRODUCTIVE TOXICANTS):

WARNING: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm

CAS#	Chemical Name
	None

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SECTION X - REGULATORY INFORMATION (cont.)

-MASSACHUSETTS SUBSTANCE LIST:

Unless specified below, this substance is not listed.

-CERCLA - 40 CFR 302.4:

Unless specified below, this substance is not listed.

-RCRA - 40 CFR 261:

Unless specified below, this material as a discarded product is not a hazardous waste under RCRA, 40 CFR 261.

-DISCLAIMER

The information herein is given in good faith but no warranty, expressed or implied, is made.