



Quality Environmental Solutions

INTERSTATE PRODUCTS, INC.

511 Interstate Court
Sarasota, FL 34240
800-IPI-SAY HI www.IPISAYHI.com fax 800-44-TO-FAX

MATERIAL SAFETY DATA

1.) PRODUCT INFORMATION

Date MARCH 1, 2000

Trade Name "1" STEP (THE RUST KILLER)

Chemical Name and Synonyms Aqueous Vinyl Acrylic Emulsion

Manufactured For Interstate Products, Inc.

CAS Registry No. See below for individual ingredients

EMERGENCY TELEPHONE 763-783-9753

HMIS Hazard Rating

Least	0	Health	1
Slight	1	Flammable	0
Moderate	2	Reactivity	0
High	3		
Extreme	4		

2.) HAZARDOUS INGREDIENTS

Principal Hazardous Components (Chemical And Common Names)	CAS REG. NO.	APPROX WT %	TLV OSHA
Vinyl Acrylic Resin	Non-Hazardous	35-40	Non-Hazardous
Propylene Glycol	57-55-6	3-5	LD50 20MI/kg
Proprietary mixed acids (blend)	N\A	2-3	Non-Hazardous
Processing Aids, various	N\A	1-3	PE: 5mg/M3
Water	N\A	50-60	Non-Hazardous

3.) PHYSICAL DATA

Softening Point, R&B (*F/*C).....NA

Specific Gravity (Water = 1).....1.1

Boiling Point (*F/*C).....212*F

Solubility in Water.....Partial

Appearance and Odor.....White liquid, low odor

Percent Volatile (by Volume).....60

Evaporation Rate..... < 1

(Butyl Acetate = 1)

Vapor Pressure (mm Hg)..... .25 @ 25*C

Vapor Density (Air=1).....4.16

4.) FIRE AND EXPLOSION HAZARD DATA

Flash Point.....> 212* F, Pensky Martens , C.C.

Flammable Limits: LEL.....NA UEL.....NA

Extinguishing Media.....Water, water fog, CO2

Autoignition Temperature.....NA

Special Fire Fighting Procedures.....DO NOT enter confined fire space without proper protective equipment including a NIOSH approved SCBA. Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire and Explosion Hazards.....NA

5.) SPILL OF LEAK PROCEDURES

Material Released or Spilled.....Collect spills with absorbent material. For large spills, use water spray to dilute. Prevent runoff from entering drains, sewers and streams

Waste Disposal:

Liquid.....Flush to a chemical sewer.

Solids.....May be land filled in accordance with local, State and Federal regulations.

6.) HEALTH HAZARD DATA

Threshold Limit Value.....600 ppm

Signs and Symptoms of Exposure:

Acute Over exposure.....Headache, nausea, irritation of nose, throat, lungs.

Chronic Over exposure.....Headache, nausea, irritation of nose, throat, lungs.

Medical Conditions Generally Aggravated by Exposure.....NA

Primary Routes of Entry:

Oral LD50..... 5.0gm/kg, rabbit

Eye irritation.....Mild

Dermal LD50..... 5.0gm/kg, rabbit

Skin irritation.....Mild

Inhalation LD50.....NA

Carcinogen or Potential Carcinogen:

National Toxicology Program.....No

I.A.R.C. Monographs.....No

OSHA.....No

OSHA Permissible Exposure Limit 600 ppm

ACGIH Threshold Limit Value NDA

Other Exposure Limit Used NDA

Emergency and First Aid Procedures:

Inhalation.....Remove victim to fresh air and provide oxygen if breathing is difficult.

Eyes.....Flush eyes with copious quantities of water while holding eye lids open. If irritation persists, consult a physician.

Skin.....Wash skin with soap and water. Use emollient skin creams. If irritation persists, consult a physician.

Ingestion.....DO NOT induce vomiting. Get medical attention.

7.) REACTIVITY DATA

Stability.....Stable

Conditions to Avoid.....Open flame

Incompatibility (Materials to Avoid).....NA

Hazardous Decomposition Products.....NA

Hazardous Polymerization- Will not occur

8.) SPECIAL PROTECTION INFORMATION

Respiratory Protection.....None if good ventilation is maintained, otherwise use self-contained breathing apparatus.

Ventilation.....Local exhaust at point of use.

Protective Gloves..... Impervious

Eye Protection- Chemical splash goggles (ANSI Z -87.1 or equivalent)

Other Protective Equipment.....NA

9.) SPECIAL INSTRUCTIONS

Storing and Handling.....Protect from freezing, Store between 60 - 110°F. Keep all containers tightly sealed when not in use.

Other Precautions.....NA

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The supplier assumes no responsibility for injury or damages resulting from the inappropriate use of this product.