



SDS – SAFETY DATA SHEET

RC-1675 ACRYLIC RUST PRIMER

1. IDENTIFICATION

Product Identifier: RC-1675 Acrylic Rust Primer

Chemical Formula: Not applicable for mixtures

Recommended Use of the Chemical: Primer. For industrial use only. Do not take internally.

Manufacturer / Supplier: Inland Coatings

Address: 26259 HWY 6
Adel, IA 50003

Website: www.inlandcoatings.com

Phone: 800-456-8467

Emergency CHEMTREC Phone: (800) 424-9300

2. HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture:

Acute toxicity, oral (Category 5)

Acute toxicity, inhalation (Category 5)

Skin corrosion / irritation (Category 3)

Eye irritation (Category 2B)

Aspiration hazard (Category 2)

Acute aquatic toxicity (Category 1) (Ammonium Hydroxide (1336-21-6) - product contains less than 0.2%)

Risk Phrases:

R36: Irritating to eyes.

R50: Very toxic to aquatic organisms. (Ammonium Hydroxide (1336-21-6) - product contains less than 0.2%)

Label Elements:

Signal Word: Warning



Hazard Statements:

H303: May be harmful if swallowed.

H305: May be harmful if swallowed and enters airways.

H316: Causes mild skin irritation.

H320: Causes eye irritation.

H333: May be harmful if inhaled.

H400: Very toxic to aquatic life. (Ammonium Hydroxide (1336-21-6) - product contains less than 0.2%)

Precautionary Statements:

P273: Avoid release to the environment.

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P303 + P361 + P352: IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Wash with soap and water.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P308 + P313: If exposed or concerned: Get medical advice / attention.

P331: DO NOT induce vomiting.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

3. COMPOSITION INFORMATION / INGREDIENTS

Ingredient	CAS Number	EC Number	Percent
Vinyl Acetate	108-05-4	203-545-4	< 0.3%
Ammonium Hydroxide	1336-21-6	215-647-6	< 0.2%

4. FIRST-AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. Seek medical attention.

Ingestion: DO NOT INDUCE VOMITING unless directed by a physician! Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists

Eye Contact: Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Fire: Not flammable.

Explosion: Not combustible

Fire Extinguishing Media: For dry polymer, use water or Carbon Dioxide

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Environmental Precautions and Methods and Materials for Containment and Cleaning Up: Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth,) and place in an approved chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer!

7. HANDLING AND STORAGE

Precautions for Safe Handling: Wear personal protective equipment as specified in Section 8. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid prolonged or repeated contact with skin. Wash hands before eating, smoking, or using toilet facilities.

Conditions for Safe Storage, Including Any Incompatibilities: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Separate from acids and oxidizing materials. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid.) Observe all warnings and precautions listed for the product. Combustible Liquid. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits:

Vinyl Acetate:

ACGIH Threshold Limit Value (TLV): 10 ppm (8 hours) (TWA) 15 ppm (STEL)

Ammonium Hydroxide:

OSHA Permissible Exposure Limit (PEL): 50 ppm (NH₃)

ACGIH Threshold Limit Value (TLV): 25 ppm (NH₃) (TWA) 35 ppm (STEL)

Ventilation System: A system of local and / or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved): Maintain adequate ventilation. A respirator is not normally required in ventilated areas. If TLV is exceeded a NIOSH / MSHA approved breathing apparatus is recommended. Contact safety equipment supplier.

Skin Protection: Protective / solvent resistant gloves should be worn for prolonged or repeated contact. Long pants and long sleeved shirts are recommended to reduce material contact with skin. Shoes with non-skid soles are also recommended.

Eye Protection: Use chemical safety goggles and / or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Work / Hygienic Practices: Always follow good housekeeping practices. Avoid contact with surfaces where material will not be applied.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to hazy liquid

Odor: Mild odor

Odor Threshold: Not determined

pH: Not determined

Melting Point: Not determined

Boiling Point / Boiling Range: > 100C (212F)

Flash Point: Not applicable

Evaporation Rate (BuAC=1): Not determined

Flammability: Not applicable

Upper / Lower Flammability or Explosive Limits: Not applicable

Vapor Pressure (mm Hg): Of Water

Vapor Density (Air=1): Not determined

Relative Density: 1.05

Solubility: Water miscible
Partition Coefficient: n-octanol / water: No data available
Auto-ignition Temperature: Not applicable
Decomposition Temperature: Not determined
Viscosity: Not determined

10. STABILITY AND REACTIVITY

Reactivity and / or Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions and Conditions to Avoid: Incompatibles

Incompatible Materials: Do not mix with acids, may cause gelling and / or release of Carbon Dioxide gas

Hazardous Decomposition Products: When dried polymer burns, Carbon Dioxide, Carbon Monoxide, and smoke are produced. Pyrolysis products may include materials such as Acetic Acid, Acrolein, and Acetaldehyde.

11. TOXICOLOGICAL INFORMATION

Emergency Overview: Exposure to material or vapor may cause irritation and / or redness to eyes, skin, and respiratory tract. Ingestion may cause irritation nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis.

Potential Health Effects:

Inhalation: May irritate respiratory tract.

Ingestion: May cause irritation, nausea, and vomiting.

Skin Contact: may cause irritation and / or redness.

Eye Contact: May cause irritation and / or redness.

Chronic Exposure: No data available.

Aggravation of Pre-existing Conditions: Persons with pre-existing eye, skin, and / or respiratory disorders may be aggravated by exposure to this product.

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System): No data available.

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System): No data available.

Germ Cell Mutagenicity: No data available.

Reproductive Toxicity: No data available.

Aspiration Hazard: Aspiration of material into lungs may cause chemical pneumonitis.

Numerical Measures of Toxicity: Cancer Lists: NTP Carcinogen

Known	Anticipated	IARC Category
No	No	None

Emulsion contains formaldehyde at concentrations below .07% by wt. and vinyl acetate below .3% by wt. Both of these are minor volatile components. Both will migrate from the emulsion and establish an equilibrium condition in

the headspace between the storage container and the liquid emulsion. Levels in excess of the TLV's (1ppm for formaldehyde, 10 ppm for vinyl acetate) can accumulate in non-vented headspace above stored emulsion. Drums should be opened in a well ventilated space. These components or their vapors have been shown to cause cancer in laboratory animals. There is limited evidence for carcinogenicity of formaldehyde gas (vapors) in humans.

Acute Toxicity:

Vinyl Acetate:

Oral rat LD50: 2,900 mg/kg
Inhalation rat LC50: 14.1 mg/l (4 hours)
Dermal rabbit LD50: 2,335 mg/kg

Ammonium Hydroxide:

Oral rat LD50: 350 mg/kg; eye, rabbit, standard Draize, 250 ug; severe
Investigated as a mutagen

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available for components with the exception of Ammonium Hydroxide (1336-21-6), which is very toxic to aquatic organisms. 2150 product contains less than 0.2% of this component.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Results of PBT and vPvB assessment: No data available.

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. Empty containers may retain hazardous properties. Containers must not be used for other purposes. Do not weld or flame cut an empty container. Do not transfer to unmarked containers. Follow all SDS label warnings even after container is empty

14. TRANSPORT INFORMATION

UN Number: UN1139

UN Proper Shipping Name: Coating Solution

Land Transport ADR/RID and GGVS/GGVE (Cross Border / Domestic)

Packing Group: III

Transport Hazard Class(es): 3

Maritime Transport IMDG/GGVSea

Packing Group: III

Transport Hazard Class(es): 3

Air Transport ICAO-TI and IATA-DGR

Packing Group: III

Transport Hazard Class(es): 3

Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable
Special Precautions for User: None

15. REGULATORY INFORMATION

SARA 302 Components: The following chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302: Vinyl Acetate Monomer (108-05-4) < 0.3%.

313 of SARA requires suppliers of mixtures or products containing these regulated chemicals to notify their customers. Therefore we are notifying you that this product contains Section 313 listed materials and their respective percentage by weight is indicated: Vinyl Acetate Monomer (108-05-4) < 0.3%.

Under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) any environmental release of the following chemicals at or over the reportable quantity listed must be reported promptly to the National Response Center Washington, DC 1-800-424-8802. Vinyl Acetate Monomer (108-05-4) RQ 5000 lb.

16. OTHER INFORMATION



HMIS / NFPA Hazard Rating:

4=EXTREME
3= SERIOUS
2= MODERATE
1=SLIGHT
0=MINIMAL

Effective Date: 04/01/15 – Standardized for GHS / REACH

Previous Revisions: 02/01/14 – First Issue

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