

SECTION 1. PRODUCT IDENTIFICATION

Trade Name: Reinco TRACER™ Tackifier

Chemical Family:

A blended product containing:
Copolymer of sodium acrylate and acrylamide
Pre-gelatinized starch
Inorganic salt (cross-linking agent)
C.I. Acid Green 1 (colorant)

Primary usage:

Tackifier and Mulch Binder for use in Erosion Control and Dust Control, Alternate Daily Cover, and Dust Control

Manufacturer:

Reinco, Inc.
P.O. Box 512
Plainfield, NJ 07061

CAS Numbers assigned for Individual Ingredients:

CAS# 25085-02-3
CAS# 1303-96-1
CAS# 19381-50-1

HMIS RATING

Health = 1
Flammability = 1
Reactivity = 0
Protective Equipment = F,N

Emergency Number:

908-755-0921

Emergency Contact:

George Braun

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Description: A water soluble blend containing: linear, anionic, copolymer of acrylamide and sodium acrylate, containing less than 0.05 acrylamide monomer; blended with one or more polysaccharides such as pre-gelatinized starch in conjunction with an inorganic salt used as a cross linking agent. Phototoxic colorant added to assist visual tracing of application.

No CAS Number has been assigned to this product (TRACER™)

CAS Numbers for the individual ingredients are provided as follows:

	OSHA CAS #	CHEMICAL IDENTITY
1.	25085-02-3	Copolymer of acrylamide: Sodium Acrylate
2.	1303-96-1	Cross linking agent: Inorganic Salt
3.	NA	Polysaccharides and starches: No CAS Number has been assigned to these ingredients.
4.	19381-50-1	Colorant (C.I. 10020 - Acid Green 1)

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:

Description: Light, Greenish Brown, free-flowing hydrophilic powder with little or no odor.

Statement of Hazards: Spilled product may become a slip hazard upon contact with water or other aqueous solutions. Dye colorant may cause staining of newly painted or new concrete surfaces.

Precautionary measures: Wear protective eyewear and clothing. Do not get in eyes, or on skin. Wash thoroughly after handling. Avoid prolonged or repeated inhalation of dust or skin contact. Slip hazard when wet.

Primary Route(s) of Entry: Inhalation

Signs and Symptoms of Exposure: Eye contact may produce slight irritation and/or redness. Inhaled dust may cause some respiratory irritation. Ingestion may result in nausea, vomiting, diarrhea, or constipation.

Carcinogenicity: None of the individual ingredients have shown any evidence of carcinogenicity; Tracer has not been evaluated as a blended product.

Target Organ(s): NA

Medical Conditions Aggravated by Exposure: Existing respiratory conditions.

SECTION 4. FIRST AID MEASURES

Ingestion: Do not give an emetic unless directed by a physician. Never give anything by mouth to an unconscious person.

Skin: Remove contaminated clothing and launder before reuse. Wash affected area with soap and water. Skin staining will dissipate with exposure to light.

Inhalation: Remove to fresh air.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Repeat as needed. Call a physician.

SECTION 5. FIREFIGHTING MEASURES

Flash Point: Not Applicable

Auto ignition: Not Evaluated

Sensitivity to Mechanical Impact: None

Fire Fighting Extinguishing Media: Preferred media, carbon dioxide, dry chemical or foam. Water may be used but could result in slip hazard.

Fire Fighting Equipment: No special procedures. However, wetted product presents a slip hazard. Pedestrian and vehicular traffic must proceed with caution where wet product may exist.

Fire and Explosion Hazards: Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting, and eliminate open flame and other sources of ignition.

Extinguishing Media to Avoid: Water may be utilized, but could create a slip hazard with product.

Hazardous Combustion Products: Oxides of carbon and nitrogen.

Dust Explosivity: Dust in sufficient concentration may result in an explosive mixture in air.

Emergency Response Guidebook Information: No ERG# number indicated. Handle as combustible material.

Dust Explosivity and Sensitivity to Static Discharge: Dust in sufficient concentration may result in an explosive mixture in the air.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Product becomes slippery and difficult to handle when solubilized; spills are best handled while still dry. Sweep up and collect dry product.

Recovered product may be used per label directions.

Absorb wet product with vermiculite or other inert material and contain for disposal.

Wetted or solubilized material may be utilized for dust control, erosion control, or as a soil stabilizer per label instructions.

Product and absorbent may be allowed to air dry prior to disposal. Floors and similar surfaces may be water washed to further remove slip hazard.

Avoid contamination of any body of water.

SECTION 7. HANDLING AND STORAGE

Precautions: No special handling precautions are required. End User should exercise caution to prevent spills in work areas, which could result in slip hazard. Any spill should be cleaned up immediately.

Storage Information: Store in cool, dry indoor location.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Skin Protection: Not normally required. Good personal hygiene practices can reduce potential exposure. Wash with soap and water following any contact with this product, as well as before breaks and meals. Shower and change clothing at end of work shift. If clothing becomes contaminated, remove and launder or dry clean before reuse.

Respiratory Protection: Use NIOSH approved dust respirator as required to control exposure. Follow ANSI Z88.2.

Eye Protection: Goggles (ANSI Z87.1 std; safety glasses alone do not protect from dust.)

Engineering Controls: Indoors, provide mechanical ventilation to prevent dust concentrations, and to reduce potential exposure. Provide secondary containment to capture spilled product.

Additional Information: Provide eyewash station(s). Select additional protective equipment (eg. apron, face shield, etc.), depending on conditions of use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Blended Granular Powder
Color:	Light greenish Brown
Odor:	Little or None
Odor Threshold:	Not applicable
Physical State:	Solid, granular (powdered) form
Solubility in Water:	Soluble, solubility limited by viscosity
Vapor Pressure:	Not applicable
Specific Gravity:	~0.75
Boiling Point:	Not applicable
Melting Point:	Not applicable
Freezing Point:	Not applicable
Decomposition Temperature:	Not evaluated
Evaporation Rate:	Not applicable
Vapor Density:	Not applicable
VOC:	Not evaluated
pH:	~6-8 for 1% solution
Coefficient of water/oil:	Not Evaluated
Percent Volatile:	None expected above trace levels

SECTION 10. STABILITY AND REACTIVITY

Conditions to Avoid: Avoid exposing product and/or open containers to wet and humid conditions.

Stability: Stable.

Hazardous Polymerization: Not known to occur.

Incompatibility: Strong oxidants such as liquid chlorine enriched gaseous or liquid oxygen, and sodium or calcium hypochlorite.

Hazardous Decomposition Products: Thermal decomposition or combustion may produce oxides of carbon and nitrogen, various hydrocarbons, and/or ammonia, which may be irritating or harmful.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Low oral toxicity. By analogy to similar materials, the acute LD50 (rat) is expected to be >2000 mg/kg.

Carcinogenicity: Not listed as carcinogen by IARC, NTP, OSHA, or ACGIH. Finished blended product has not been evaluated.

Reproductive Toxicity: No data for product. No effects anticipated.

Teratogenicity: No data for product. No effects anticipated.

Mutagenicity: No data for product. No effects anticipated.

Skin Irritation: 57-13-6 UREA. Mild irritant.

Toxicologically Synergistic Products: None known.

SECTION 12. ECOLOGICAL INFORMATION

Ecological Information: Product not considered toxic to aquatic organisms; however direct application to any bodies of water, including storm drains, is not an intended use. Avoid contamination of any body of water from either intended application or accidental spillage. See Section 6.

SECTION 13. DISPOSAL CONSIDERATION

RCRA Hazard Class: The individual ingredients prior to blending and the blended, finished product are not RCRA regulated hazardous wastes.

Waste Disposal Method: Disposal must be arranged in accordance with local, state, and federal regulations. Care must be taken to prevent environmental contamination from the disposal of material residues and containers. Product is labeled for use in landfills as a constituent of an alternate daily cover (ADC).

SECTION 14. TRANSPORT INFORMATION

DOT:

Proper Shipping Name: NOT A DOT/IMO HAZARDOUS MATERIAL

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations:

Chemical Weapons Convention (CWC): The active ingredients of this product are not listed under the Chemical Weapons Convention Schedule of Chemicals. The cross linking agent (inorganic salt, CAS # 1303-96-4) when unadulterated (prior to blending) is listed on several lists including:

USEPA TSCA Inventory
Canadian DSL

Clean Air Act - Hazardous Air Pollutants (HAP): The following chemical(s) are listed as hazardous air pollutants (HAP) under the U. S. Clean Air Act Section 12 (40 CFR 61)

Chemical Name: ACRYLIC ACID (Impurity)

CASRN: 79-10-7

Percent in Composition: <0.025% by wt

Chemical Name: 2-PROPENAMIDE (Impurity)

Common Name: Acrylamide

CASRN: 79-06-1

Percent in Composition: <0.025% by wt

Component RQ: 5000

Clean Air Act - Ozone Depleting Substances (ODS): This product neither contains, nor was manufactured with a Class I or Class II ozone depleting substance (ODS), as defined by the U. S. Clean Air Act Section 602 (40 CFR 82, Subpart. A., App. A-B).

Clean Water Act - Priority Pollutants (PP): This product does not contain any priority pollutants) listed under the U. S. Clean Water Act Section 307(2)(1) Priority Pollutant List (40 CFR 401.15)

Occupational Safety and Health Act (OSHA):

Chemical Name: INORGANIC SALT

CASRN: 1303-96-4

Percent in Composition: 10.0% by wt

Resource Conservation and Recovery Act (RCRA): This product is not considered to be a P or U listed hazardous waste under RCRA (40 CFR 261).

SECTION 15. REGULATORY INFORMATION *(continued)*

SARA Title III: Section 302 - Extremely Hazardous Substances (EHS): This product contains the following chemicals regulated under Section 302 (40 CFR 355) as extremely hazardous substances:

Chemical Name: ACRYLAMIDE

CASRN: 79-06-1

Percent in Composition: <0.025% by wt

SARA Title III: Section 304 - CERCLA: This product contains the following chemicals regulated under Section 304 (40 CFR 302) as hazardous substance(s) for emergency release notification ("CERCLA" List):

Chemical Name: ACRYLIC ACID (impurity)

CASRN: 79-10-7

Percent in Composition: <0.5% by wt

Component RQ: 5000

Chemical Name: 2-Propenamide (Impurity)

Common Name: Acrylamide

CASRN: 79-06-1

Percent in Composition: <0.025% by wt

Component RQ: 5000

SARA Title III: Section 311/312 - Hazard Communication Standard (HCS): This product is not regulated under Section 311/312 (40 CFR 370).

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372).

State Regulations:

California Proposition 65: The following is required composition information. This product contains the following chemical(s) which are currently listed on the California list of Known Carcinogens and Reproductive Toxins:

Chemical Name: ACRYLAMIDE

ASRN: 79-06-1

Percent in Composition: <0.025 by wt

SECTION 16. OTHER INFORMATION

MSDS No: 005
Reason New product
Issued: 04/07/03
Prepared By: George F. Braun III
Approved By: E.W. Reinecker
Supersedes
Date: None prior

Phone Number: 908-755-0921

DISCLAIMER

All information included herein is provided to the best of our knowledge without reservation and is subject to change and correction.

See product label for product warranty information and End User's responsibilities.