





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2517	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	PRO EARTH PAINT STRIPPER	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Soy-Based Paint & Polyurethane Remover	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Skin Irritant: H315 Eye Irritant 2A: H319 Reproductive 1B: H360 Stot SE 3: H335	SIGNAL WORD: DANGER	SYMBOL:		
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HAZARD STATEMENTS:

- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.
- H360 - May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS:

Prevention:

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P261 - Avoid breathing fume, mist, or vapors.
- P264 - Wash hands, forearms and face thoroughly after handling.
- P280 - Wear protective gloves, protective clothing, eye protection.

Response:

- P302+P352 - IF ON SKIN: Wash with plenty of water.
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 - 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 attention.
- P312 - Call a doctor, a POISON CENTER if you feel unwell.
- P321 - Specific treatment (see first aid instructions on label).
- P332+P313 - If skin irritation occurs: Get medical attention.
- P337+P313 - If eye irritation persists: Get medical attention.
- P362 - Take off contaminated clothing and wash before reuse.

HAZARDS NOT OTHERWISE SPECIFIED:

None under normal conditions.

UNKNOWN ACUTE TOXICITY (GHS US):

None.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
N-methyl-2-Pyrrolidone	872-50-4	<20%

All other ingredients are trade secret as authorized by 29 CFR 1910.1200(i) (1). Specific information will be made available to health-care professionals, employees or representatives as required by 29 CFR 1910.1200(i) (1) (iv) for medical evaluation of treatment.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: If exposed or concerned, get medical attention. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Never give anything to an unconscious person.

EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Get medical attention immediately. Continue rinsing.

SKIN: Remove affected clothing and wash all exposed skin with water for at least 15 minutes. Get medical attention immediately.

INHALATION:

Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.

INGESTION:

Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED:

- Symptoms/injuries after inhalation: May cause respiratory irritation.
- Symptoms/injuries after skin contact: May cause skin irritation.
- Symptoms/injuries after eye contact: May cause slight irritation.
- Symptoms/injuries after ingestion: May cause gastrointestinal irritation.
- Chronic symptoms: May damage fertility. May damage the unborn child.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional information available.

5. Fire-Fighting Measures**SUITABLE EXTINGUISHING MEDIA:**

Foam; dry powder; carbon dioxide; water spray; sand.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use a heavy water stream.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**FIRE HAZARD:** Rags soaked with product may present a fire or spontaneous combustion hazard.**EXPLOSION HAZARD:** Product is not explosive.**REACTIVITY:** No dangerous reactions known under normal use.**SPECIFIC FIRE-FIGHTING METHODS:**

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of firefighting water in the environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures**GENERAL MEASURES:** Specific emergency measures are required other than good laboratory hygiene and safety practices.**NON-EMERGENCY PERSONNEL:****Protective equipment:** Wear protective equipment as described in Section 8.**Emergency procedures:** Evacuate unnecessary personnel.**EMERGENCY RESPONDERS:****Protective equipment:** Wear suitable protective clothing, gloves and eye or face protection, approved supplied-air respirator, in case of emergency.**ENVIRONMENTAL PRECAUTIONS:**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP:**CONTAINMENT:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.**CLEAN UP:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations.**REFERENCE TO OTHER SECTIONS:**

No additional information available.

7. Handling and Storage**SAFE HANDLING:**

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SAFE STORAGE & INCOMPATIBILITIES:**TECHNICAL MEASURES:** Stable (Shelf Life > 2 Years).**STORAGE CONDITIONS:** Store in dry, well-ventilated area. Keep container closed when not in use.**INCOMPATIBLE MATERIALS:** Combustible materials.**8. Exposure Controls / Personal Protection****ENGINEERING CONTROLS:**

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

PERSONAL PROTECTIVE EQUIPMENT:**HANDS:** Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene, rubber, polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier. Change contaminated gloves immediately.**EYES AND FACE:** Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid.**SKIN:** Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.**RESPIRATORY:** Use NIOSH-approved dust/particulate respirator. Where vapor or mist exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.**9. Physical & Chemical Properties**

Appearance:	Viscous liquid.	Relative Density:	0.970
Physical State:	Liquid.	Solubility (water):	Not soluble.
Color:	Light brown.	Viscosity-high sheer (60 rpm)	350 – 750 cps
Odor:	Mild.	VOC (Method 310):	3.99%
pH @1% Solution:	8.0-9.0	Flash Point:	> 116°C (>240°F)
Freezing Point:	No data available.	Viscosity-low sheer (6 rpm):	3,000 – 10,000 cps
Boiling Point/Range:	251°C (>483°F)		

10. Stability & Reactivity Information

REACTIVITY:

No dangerous reactions known under normal conditions of use.

STABILITY:

Stable under recommended handling and storage conditions (see Section 7).

POSSIBILITY OF HAZARDOUS REACTION:

None known.

CONDITIONS TO AVOID:

Ignition sources.

INCOMPATIBLE MATERIALS:

Acids. Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon oxides (CO, CO₂).

11. Toxicological Information

ACUTE: TOXICITY:

Not classified.

The following information is from raw materials only.

1-Methyl-2-pyrrolidone (872-50-4)

LD50 oral rat	3598 mg/kg
LD50 dermal rat	2500 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat (mg/l)	3.1 mg/l/4h

SKIN CORROSION/IRRITATION:

Not classified.

pH: Human – A 24 hour human skin patch test indicated that undiluted material produced very mild irritation. Irritancy was less than that produced by a 4% aqueous soap solution.

SERIOUS EYE DAMAGE/IRRITATION: Not classified.

pH: Human – A 24 hour human skin patch test indicated that undiluted material produced very mild irritation. Irritancy was less than that produced by a 4% aqueous soap solution.

RESPIRATORY OR SKIN SENSITISATION:

Not classified

GERM CELL MUTAGENICITY:

Not classified

CARINOGENICITY:

Not classified

REPRODUCTIVE TOXICITY:

Not classified

SPECIFIC ORGAN TOXICITY:

Not classified (single exposure)

SPECIFIC TARGET ORGAN TOXICITY:

Not classified (repeated exposure)

ASPIRATION HAZARD:

Not classified

SYMPTOMS AFTER INHALATION:

Not classified

SYMPTOMS AFTER SKIN CONTACT:

May cause skin irritation.

SYMPTOMS AFTER EYE CONTACT:

May cause slight irritation.

SYMPTOMS AFTER INGESTION:

May cause gastrointestinal irritation.

12. Ecological Information

ECOLOGY

General: Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

PERSISTANCE/DEGRADABILITY:

Readily biodegradable.

13. Disposal Consideration

TREATMENT METHODS:

Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

DISPOSAL:

Dispose in a safe manner in accordance with local/national regulations.

14. Transportation Information

IN ACCORDANCE WITH DOT:

Not hazardous for transport.

DOT PROPER SHIPPING NAME:

Not listed.

TRANSPORT BY SEA:

Non-hazardous.

TRANSPORT BY AIR:

Non-hazardous.

IMDG CLASSIFICATION:

None.

DANGEROUS GOODS (CANADA):

Not listed.

15. Regulatory Information**US FEDERAL REGULATIONS:**

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory.

SARA 311/312 Hazard Classes: Immediate (acute) health hazard. Delayed (chronic) health hazard.**1-Methyl-2-pyrrolidone (872-50-4)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory; Listed on United States SARA Section 313

SARA Section 313 - Emission Reporting: 1 % de minimis concentration**INTERNATIONAL INVENTORIES:****Chemical Inventories** – In compliance denotes all components are on inventory or exempt.

U. S. (TSCA)	In Compliance	Canada (CEPA):	Listed on DSL.
Europe (EINECS):	Listed on EINECS	Japan (ENCS):	Listed on MITI
Australia (NOHSC):	In Compliance	Korea:	In Compliance
China:	In Compliance	Philippines:	In Compliance

CALIFORNIA PROP 65:

This product contains, or may contain, trace quantities of a substance known to the state of California to cause cancer and/or reproductive toxicity. In addition the product contains a trace amount (< 0.1%) of silica but silica is only listed as a Prop. 65 danger when the silica is respirable. This product does not contain respirable silica:

1-Methyl-2-pyrrolidone (872-50-4)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
No	Yes	No	No	

1-Methyl-2-pyrrolidone (872-50-4)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

16. Other Information**N/A = Not Applicable; N/D = Not Determined**

NFPA	Health Hazards: 2	Flammability: 1	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 2	Flammability: 1	Physical hazards: 0	Personal protection:

NFPA health hazard: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard: 1 - Must be preheated before ignition can occur.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.