



PRO-TECH PRODUCTS, INC.

Safety Data Sheet

According to GHS

EC-50 NR

SECTION 1: Identification

Product identifier

Product name EC-50 NR
Substance name Acrylic Coating

Supplier's details

Name Pro-Tech Products
Address 3003 N. 73rd Street
Scottsdale, AZ 85251
USA

Telephone 480-945-7303
Fax 480-945-8873

Website www.Pro-Techproducts.com

Emergency phone number(s)

(800) 538-7303
CHEMTREC: (800) 424-9300

SECTION 2: Hazard identification

Classification of the substance or mixture

- Eye irritation (chapter 3.3), Cat. 2B
- Skin irritation (chapter 3.2), Cat. 3

GHS label elements, including precautionary statements

Pictogram



Signal word **Warning**

Hazard Statements:

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Move to fresh air if symptoms develop. If breathing is difficult, give oxygen and call physician.
In case of skin contact	Wash with soap and water at first opportunity. Remove contaminated clothing and shoes. Wash or clean clothing before reuse.
In case of eye contact	Flush with water for at least 15 minutes. See a physician if irritation develops.
If swallowed	Give 2 glasses of water to drink; get medical attention.

Most important symptoms/effects, acute and delayed

May cause skin or eye irritation upon contact. Avoid breathing vapors. The dense vapors can displace and reduce breathing air in confined or unventilated spaces causing asphyxiation. Overexposure may cause tremor, confusion, irritation, and may result in cardiac sensitization.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use alcohol resistant foam, CO₂, dry chemical or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.

Specific hazards arising from the chemical

Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Material will burn in a fire. Empty containers that retain product residue can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, spark, static electricity or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

Special Protective actions for fire- fighters

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition product. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill and the area in which the spill occurred. Also, consider the expertise of associates in the area near the spill.

Methods and materials for containment and cleaning up

Remove or extinguish ignition or combustion sources. Do not allow smoking in the area. Contain spill. Clean with suitable absorbent material. Waste material should be gathered and stored in sealed containers and disposed of

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under conditions which meet federal, state, and local environmental regulation. Wash area with detergent and water.

SECTION 7: Handling and storage

Precautions for safe handling

Harmful or irritating material. Avoid contacting and breathing the material. Use only in a well-ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes or on skin or clothing. Ground and bond containers when transferring material. Containers with product residue can be dangerous.

Conditions for safe storage, including any incompatibilities

Keep tightly sealed. Store in a cool, dry place. Under no circumstances should empty drums be burned or cut open with an electric or gas torch.

SECTION 8: Exposure controls/personal protection

Control parameters

- 1. Calcium carbonate**
5mg/m³ respirable dust
- 2. Titanium dioxide**
5mg/ m³ respirable dust
- 3. Ethylene glycol**
50 ppm
- 4. Ammonia**
50 ppm

Appropriate engineering controls

Use local exhaust ventilation or other engineering controls to minimize exposure.

Individual protection measures, such as personal protective equipment (PPE)

Hand, Body, Skin, eye and face protection.

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical goggles and/ or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Eye wash system and showers should be available. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking and when leaving work. Wear clothing suitable to prevent skin contact. Wear chemical resistant gloves.

Respiratory protection

General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for use.

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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/ form	Paint like Liquid
Initial boiling point and boiling range	212°F
PH as Supplied	9.0
Evaporation rate	Slower than Ether
Flammability (solid, gas)	None
Upper/lower flammability limits	N/A
Upper/lower explosive limits	N/A
Vapor pressure	N/A
Vapor density	>1
Solubility(ies)	High in water
Partition coefficient: n-octanol/water	Not established
Viscosity	6500-7500 cps
Volatiles, % by volume (calc):	< 50g/ L
Volatiles, % by weight (calc):	< 0.35lbs/ gal

SECTION 10: Stability and reactivity

Chemical stability

Stable under normal conditions.

Conditions to avoid

Temperatures above 350°F

Incompatible materials

Strong oxidizing agents, strong acids or bases, select amines.

Hazardous decomposition products

Carbon oxides, nitrogen oxides, and aliphatic fragments.

SECTION 11: Toxicological information

Component Toxicology Data:

Titanium Dioxide: 13463-67-7

Oral LD50 Rabbit > 10g/ kg

Inhalation LC50 (4h) Rat > 6.82 mg/L

Titanium dioxide: 13463-67-7

IARC: 2B NTP: OSHA:

SECTION 12: Ecological information

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Ecotoxicity:
Persistence and degradability:
Bioaccumulative potential:

SECTION 13: Disposal considerations

Waste Disposal

When a decision is made to discard this material as supplied, it is classified as a RCRA non-hazardous waste.

SECTION 14: Transport information

DOT (US)

UN Number: None

UN Proper shipping name: None

Transport Hazard class (es)

Packing group, if applicable:

Other:

Workplace Classification:

This product is considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200). This product is a 'controlled product' under the Canadian workplace hazardous materials information systems (WHMIS)

SARA TITLE 3: Section 311/312 Categorizations (40CFR 370)

This product is a hazardous chemical under 29CFR 1910. 1200 and is categorized as an immediate and delayed health hazard.

SARA TITLE 3: Section 313 Information (40 CFR 372)

CERCLA Information (40CFR 302.4)

Releases of this material to air, land, or water are not reportable to the National Response Center under the comprehensive Environment Response, Compensation and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Re Authorization Act (SARA) Title III section 304.

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

Inventory Status:

All Components TSCA listed

US Federal Regulation:

SARA EHS Chemicals

Ethylene glycol

CERLA

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or to state or local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

SARA 313

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This product contains a chemical which is listed in section 313 at or above demonisms concentrations. The following listed chemicals are present: Ethylene Glycol (107-21-1)

SARA 311/312

This product is a hazardous chemical under 29CFR 1910. 1200 and is categorized as an immediate and delayed health hazard

US State Regulation:

California Prop 65 Chemicals:

Cancer

Titanium dioxide

SECTION 16: Other information

SDS preparation date: 6/15/15

Important Notices

This notification is a part of the Safety Data Sheet document and must not be detached. Any copying and redistribution of the Safety Data Sheet shall include copying of this notice and attaching the copy to the redistributed Safety Data Sheet copies.

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