

Safety Data Sheet

Section 1 Identification

Trade Name: Micro Tuff
Product Identification: Micro Tuff
Synonyms: None
Product Use Description: Surface Treatment

Date Prepared: 8-25-22
CAS No: Mixture

Details of the supplier of the safety data sheet

Plating Resources, Inc.
230 Forrest Ave
Cocoa, FL 32922

Phone: (321) 632-2435

Website: www.plating.com

Emergency telephone number

Infotrac (800) 535-5053 (US & Canada)
(352) 323-3500

Section 2 Hazards Identification

Classification:

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Based on available data, the classification criteria are not met.

Label Elements:

None required.

Hazards not otherwise classified (HNOC):

None identified

Section 3 Composition

Chemical Name	Common name and synonyms	CAS #	%
Modified Thermoplastic Acrylic		None	<15
Phthalocyanine-B		147-14-8	<3
Petroleum Resins		64742-16-1	<3
Aluminum Oxide		1344-28-1	<5
Inert - Proprietary – Non Hazardous			<74

Section 4 First Aid

General:

Move out of dangerous area. Perform first aid measures as indicated. Seek medical attention and show this safety data sheet to attending physician.

Inhalation:

Remove to fresh air, give oxygen if breathing is difficult, and obtain medical assistance.

Skin contact:

Immediately flush exposed skin with water for at least 15 minutes while removing contaminated clothing and/or shoes. Thoroughly wash with soap and water.

Eye contact:

Immediately flush eyes with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. Check for and remove any contact lenses if easy to do. Seek medical attention if irritation develops or persists.

Ingestion:

Rinse mouth with water. Induce vomiting if conscious. Seek medical attention if symptoms develop.

Most important symptoms and effects both acute and delayed:

No information available.

Indication of any immediate medical attention and special treatment needed:

No information available.

Section 5 Fire Fighting Measures

Suitable Extinguishing Media:

Carbon dioxide or dry chemical extinguishers.

Unsuitable Extinguishing Media:

No information available.

Specific hazards developing from the chemical:

Residue can burn, treat as an oil fire. No other known.

Precautions for firefighters:

No information available.

Firefighting Instructions:

No information available.

Protection During Firefighting:

Wear full protective gear and full face pressure demand self-contained breathing apparatus.

Other information:

No additional information available.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Avoid direct contact with skin, eyes and clothing. Avoid inhalation of mist, vapor or dust. Not a hazardous by itself, but dangerous when cloth, lint, or oils is in residue. Wear appropriate personal protective equipment as outlined in Section 8 of this SDS.

Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up:

Sweep up and place in containers for disposal. Dispose of spilled/collected material in accordance with all federal, state and local regulations.

Section 7 Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of mist, vapor and dust. Ensure adequate ventilation. Do not eat, drink or smoke while handling. Wear appropriate personal protective equipment as outlined in Section 8 of this SDS.

Conditions for safe storage, including any incompatibilities:

Keep away from heat sources and protect from freezing.

Section 8 Exposure Controls/Personal Protection

Exposure Guidelines:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls:

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Emergency eye wash stations and showers should be available within the work area.

Individual protection measures, such as personal protective equipment:**Eye/Face Protection:**

Wear approved safety goggles.

Skin and Body Protection:

Chemical resistant, impermeable gloves. When working with the product in the melted (thermal) form, utilize appropriate thermal protective equipment for potential exposures to the hot (>230°F (>110°C)). Long sleeve shirt and long pants.

Protective shoes or boots.

Respiratory Protection:

None under normal use conditions. In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice.

Section 9 Physical and Chemical Properties

Appearance	Solid bar, approx. 2" dia. x 6" long, blue color.
Odor	Slight aromatic odor.
Odor threshold	Not available.
pH	Not available.
Melting/freezing point	80.6-86.1 °C / 177.1-187 °F
Initial boiling point	>700 °F
Flash point	>350 °F, COC
Evaporation rate	Not available.
Flammability (solid, gas)	Not flammable.
Lower flammability limit	Not available.
Upper flammability limit	Not available.
Lower explosive limit	Not available.
Upper explosive limit	Not available.
Vapor pressure	<0.1 mm Hg.
Vapor density	>1 (Air=1).
Relative density	1.83 grams/cc, approx.
Solubility in water	Not Soluble.
PC: n-octanol/water	Not available.
Auto-Ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Density	Approx. 0.066 lbs/cu. in., 1.25 pounds per bar.
Specific gravity	Not available.

Section 10 Stability and Reactivity

Reactivity:	Not reactive under normal use conditions.
Chemical stability:	Material is stable under normal handling and storage conditions.
Hazardous reactions:	Hazardous polymerization will not occur under normal handling and storage.
Conditions to avoid:	Avoid excessive heating, and freezing.
Decomposition products:	Thermal decomposition may produce oxides of carbon.
Incompatible materials:	None known.

Section 11 Toxicological Information

Information on likely routes of exposure:

Eye Contact: Avoid contact with eyes.

Skin Contact: May be harmful in contact with skin.

Inhalation: May cause irritation of respiratory tract.

Ingestion: Do not taste or swallow.

Additional information: None.

Information on physical, chemical and toxicological effects:

Symptoms:

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Carcinogenicity:

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity:

Not determined.

Section 12 Ecological Information

Ecotoxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability:

Yes.

Bioaccumulative potential:

Not determined.

Mobility in soil:

None.

Other adverse effects:

No information available.

Additional information:

No information available.

Section 13 Disposal Considerations

Disposal instructions:

Dispose of material in accordance with all federal, state and local regulations.

Contaminated packaging:

Dispose of material in accordance with all federal, state and local regulations.

Additional Information:

Not a hazardous waste by itself, follow all regulations, waste from polishing may also contain lint, oils and other combustibles.

Section 14 Transport Information

DOT: Not classified.

Section 15 Regulatory Information

Federal regulations:

SARA 311 Hazard categories:

None.

SARA 302 Extremely hazardous substance:

None.

SARA 304 Emergency release notification:

None.

SARA 311/312 Hazardous chemical:

None.

SARA 313 Toxic Release Inventory (TRI) report:

None.

CERCLA Hazardous substance list:

None.

Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA):

This chemical is not a pesticide product.

Clean Air Act regulated substances:

None.

Clean Water Act regulated substances:

None.

U.S. state regulations:**California Proposition 65:**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations:

This product does not contain any substances regulated under applicable state right-to-know regulations

Section 16 Other Information**HMIS hazard ID:**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *-Chronic health effect

NFPA hazard ID:

Flammability:



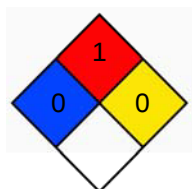
Health:



Reactivity:



Special hazard:



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Disclaimer:

This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.