

Product Magnetize-It! Eco Titan  
 Revision Date 08/08/2023  
 Revision 1  
 SDS Number 1636



## Safety Data Sheet

### SECTION 1: IDENTIFICATION

<b>Product Name</b>	<b>Magnetize-It! Eco Titan</b>
<b>Product Code</b>	<b>MIET-2360, MIET-2377, MIET-2384, MIET-2391, MIET-2407, MIET-2414, MIET-2421</b>
<b>Identifier Uses</b>	<b>Magnetic paint and coating</b>
<b>Supplier</b>	Diversified NANO Solutions Corporation 13446 Poway Road #202 Poway CA 92064
<b>Contact Email</b>	info@diversifiednano.com
<b>Emergency Telephone</b>	Call CHEMTREC Day or Night 1-800-424-9300 / +1 703-527-3887 CCN819098

### SECTION 2: HAZARDS IDENTIFICATION

<b>Appearance</b>	Liquid
<b>Color</b>	Black
<b>Odor</b>	Weak odor

**Pictogram(s)**



**Signal Word**

**Warning**

**Hazard Statements**

H303 May be harmful if swallowed  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335 May cause respiratory irritation.  
 H373 May cause damage to organs (kidney) through prolonged or repeated exposure (if swallowed)

**Precautionary Statements**

**Prevention**  
 P102 Keep out of reach of children.  
 P260 Do not breathe mist/vapors.  
 P261 Avoid breathing dust/fume/ gas/mist/vapors/spray.  
 P264 Wash [\*] thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P281 Use personal protective equipment as required.  
 P280 Wear protective gloves/ protective clothing/eye protection/face protection.

**Response**

P301+ P312 IF SWALLOWED: Call a POISON CONTROL or doctor if you feel unwell.  
 P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. P337 + P313 If eye irritation persists: Get medical advice/attention.  
 P362 Take off contaminated clothing and wash before reuse.  
 P391 Collect spillage.

**Storage**

P403 + P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/container to an approved waste disposal plant.

**GHS Classification**

Physical and Chemical Hazards Not classified  
 Human Health Acute Tox. 4 - H303, H373  
 Skin Irrit.2 - H315, Eye Irrit.2A - H319, Skin. Sens 1 - H317  
 Environment Not classified

**OSHA Regulatory Status**

This product is Hazardous under the OSHA Hazard communication Standard.

**Inhalation**

Prolonged inhalation may result in irritation of the respiratory tract.

**Ingestion**

May cause irritation of digestive tract. May be harmful if swallowed.

**Skin contact**

May stain skin and cause skin irritation. May cause an allergic skin reaction.

**Eye contact**

May cause eye irritation.

**Routes of Exposure**

No Information available.

**Other Hazards**

Not applicable.

**SECTION 3: Composition/Information on Ingredients**

Name	Product Identifier	GHS Classification	%
Magnetic Pigment	CAS-No.: Proprietary		55-65%
Water	CAS-No.: 7732-18-5		15-25%
Acrylic resin	CAS-No.: 9003-01-4		10-20%
Triethanolamine	CAS-No.: 102-71-6		1-5%
Proprietary organic compounds	CAS-No.: Proprietary		0-5%

**Composition Comments****SECTION 4: FIRST AID MEASURES**Description of first aid measures**General Information**

General first aid, rest, warmth and fresh air.

**Inhalation**

Move the exposed person to fresh air at once.

**Ingestion**

If ingestion of large amount, wash mouth out with water, and seek medical attention immediately.

**Skin contact**

Wash affected skin with water and soap to remove stain. If irritation persists seek medical attention.

**Eye contact**

Do not rub eyes. Flush eyes with clean, lukewarm water for at least 15 minutes, occasionally lifting upper and lower eyelids to remove particles. If irritation persists seek medical attention.

Most important symptoms and effects, both acute and delayed**General Information**

Irritating to eyes, respiratory systems and skin.

**Inhalation**

Prolonged inhalation may result in irritation of the respiratory tract.

**Ingestion**

May cause irritation of digestive tract. May be harmful if swallowed.

**Skin contact**

May stain skin and cause skin irritation. Sensitization by skin contact.

**Eye contact**

May cause eye irritation.

**Routes of Exposure**

No Information available.

Most important symptoms and effects, both acute and delayed

<b>Notes To The Physician</b>	Treat Symptomatically.
-------------------------------	------------------------

**SECTION 5: Firefighting Measures**

<b>Auto Ignition Temperature (°C)</b>	No Information available.
<b>Flammability Limit - Lower (%)</b>	No Information available.
<b>Flammability Limit - Upper (%)</b>	No Information available.
<b>Flash point</b>	>95.0 °C
<b>Extinguishing Media</b>	Use water spray, dry chemical, carbon dioxide, or chemical foam.
<b>Hazardous combustion products</b>	No information available.
<b>Unusual Fire &amp; Explosion Hazards</b>	No unusual fire or explosion hazards noted.
<b>Special Fire Fighting Procedures</b>	If possible, fight fire from protected position. Ventilate closed spaces before entering them. Containers close to fire should be removed immediately or cooled with water.
<b>Protective equipment for fire- fighters</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**SECTION 6: Accidental Release Measures**

<b>Personal Precautions</b>	Use proper personal protection (refer to Section 8). Exercise appropriate precaution to minimize direct contact with skin or eyes and prevent inhalation.
<b>Environmental Precautions</b>	Avoid discharge into drains, water courses or onto the ground.
<b>Spill Clean Up Methods</b>	Clean spilled area with absorbent materials, and wash with soap and water. Dispose of spill residue in accordance with federal, state, and local hazardous waste disposal regulations (see Section 13. Disposal Considerations). Affected area may remain stained.

**SECTION 7: Handling and Storage**

<b>Handling</b>	Wear gloves while handling, to avoid staining of skin. Avoid inhalation. Avoid contact with eyes, and skin. Avoid ingestion.
<b>Usage Description</b>	Use only according to directions.
<b>Storage Precautions</b>	Store in tightly closed container, in a cool dry, well ventilated area away from incompatible substances. Incompatible: oxidizing agents, bases, acids, reducing agents and foods. Optimal temperature range for storage is 41°F - 95°F (5°C -35°C). Keep out of reach of children. Keep away from sparks and open flames.
<b>Specific End Use(s)</b>	The identified uses are in section 1 of this Safety Data Sheet.

**SECTION 8: Exposure Controls/Personal Protection****Protective Equipment**

<b>Ingredient Comments</b>	OSHA
<b>Process Conditions</b>	Keep container tightly sealed when not in use. Provide eyewash, quick drench.
<b>Engineering Measures</b>	Provide adequate ventilation, mechanical exhaust required.
<b>Respiratory Equipment</b>	Government approved respirator.
<b>Hand Protection</b>	Wear appropriate protective gloves to prevent skin exposure.
<b>Eye Protection</b>	Wear protective goggles to minimize exposure to eyes.
<b>Hygiene Measures</b>	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

---

**SECTION 9: Physical and Chemical Properties**


---

**Information on Basic Physical and Chemical Properties**

<b>Appearance</b>	Liquid
<b>Color</b>	Black
<b>Odor</b>	Weak odor
<b>Odor Threshold - Lower</b>	No Information available.
<b>Odor Threshold - Upper</b>	No Information available.
<b>pH-Value, Conc. Solution</b>	8.0-10
<b>Melting point</b>	No Information available.
<b>Initial boiling point and boiling range</b>	No Information available.
<b>Flash point</b>	>95.0 °C
<b>Evaporation rate</b>	No Information available.
<b>Flammability State</b>	No Information available.
<b>Flammability Limit - Lower (%)</b>	No Information available.
<b>Flammability Limit - Upper (%)</b>	No Information available.
<b>Vapor pressure</b>	Not determined.
<b>Vapor Density (air=1)</b>	1
<b>Relative density</b>	2.00-2.50 g/ml
<b>Bulk Density</b>	No Information available.
<b>Solubility</b>	Some solubility in water.
<b>Decomposition temperature</b>	No Information available.
<b>Partition coefficient; n-octanol/water</b>	Not known.
<b>Auto Ignition Temperature (°C)</b>	No Information available.
<b>Viscosity</b>	No information available.
<b>Explosive Properties</b>	No information available.
<b>Oxidizing Properties</b>	No Information available.
<b>Molecular Weight</b>	No Information available.
<b>Volatile Organic Compound</b>	< 5.0 wt %

---

**SECTION 10: Stability and Reactivity**


---

<b>Reactivity</b>	Reactions may occur with strong oxidizers.
<b>Stability</b>	Stable at recommended storage conditions.
<b>Hazardous Polymerization</b>	Hazardous polymerization is not expected to occur under normal temperatures and pressures.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, magnesium oxide, silicon oxides, nitrogen oxides (Nox).
<b>Conditions to Avoid</b>	Avoid heat, flames and sparks.

**Materials to Avoid**

Keep away from strong oxidizing agents, bases, acids, reducing agents and foods.

**SECTION 11: Toxicological Information**

<b>Toxicological Information</b>	No Information available.
<b>Acute Toxicity (Oral LD50)</b>	No Information available.
<b>Acute Toxicity (Dermal LD50)</b>	No Information available.
<b>Acute Toxicity (Inhalation LC50)</b>	No Information available.
<b>Skin Corrosion/Irritation</b>	Irritation to eyes, respiratory systems and skin.
<b>Respiratory Sensitization</b>	No Information available.
<b>Skin Sensitization</b>	May cause sensitization by skin contact.
<b>Reproductive Toxicity:</b>	No Information available.
<b>Germ Cell Mutagenicity:</b>	
<b>Genotoxicity - In Vitro</b>	
<b>Genotoxicity - In Vivo</b>	
<b>Carcinogenicity:</b>	
<b>Carcinogenicity</b>	No Information available.
<b>NTP - Carcinogenicity</b>	The product and its components are not listed.
<b>OSHA - Carcinogenicity</b>	The product and its components are not listed. <b>IARC</b>
<b>Carcinogenicity</b>	The product and its components are not listed.
<b>Specific Target Organ Toxicity - Single Exposure:</b>	
<b>STOT - Single Exposure</b>	No Information available.
<b>Specific Target Organ Toxicity - Repeated Exposure:</b>	
<b>STOT - Repeated Exposure</b>	No Information available.

**SECTION 12: Ecological Information**

<b>Eco toxicity</b>	No Information available.
<b>Acute Toxicity - Fish</b>	No Information available.
<b>Acute Toxicity - Aquatic</b>	No Information available.
<b>Invertebrates</b>	
<b>Acute Toxicity - Aquatic Plants</b>	No Information available.
<b>Degradability</b>	No information available.
<b>Bio accumulative Potential</b>	No Information available.
<b>Mobility</b>	Soluble in water.
<b>Results of PBT and vPvB Assessment</b>	No information available.
<b>Other Adverse Effects</b>	No information available

**SECTION 13: Disposal Considerations**

<b>Waste Management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
<b>Disposal Methods</b>	Waste disposal must be in accordance with appropriate federal, state, and local regulations. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 14: Transport Information**

**UN Number**

UN No. (DOT/TDG)	Not applicable.
UN No. (IMDG)	Not applicable.
UN No. (IATA)	Not applicable.

**Proper Shipping Name**

DOT/TDG Proper Shipping Name	Not applicable.
IMDG Proper Shipping Name	Not applicable.
IATA Proper Shipping Name	Not applicable.

**Transport Hazard Class(es)**

DOT/TDG Class	Not applicable.
IMDG Class	Not applicable.
IATA Class	Not applicable.
Transport Labels	Not applicable

**Packing Group(s)**

DOT Packing Group	Not applicable.
IMDG Packing Group	Not applicable.
IATA Packing Group	Not applicable.

**Special Precautions for User**

EMS	Not applicable.
-----	-----------------

**Environmentally Hazardous Substance/Marine Pollutant**

ADR	No
IMDG	No
IATA	No

**SECTION 15: Regulatory Information****CAA Accidental Release Prevention**

The Following ingredients are listed      None listed.

**OSHA Highly Hazardous Chemicals**

The Following ingredients are listed      None Listed.

**US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

The Following ingredients are listed      None Listed.

**California Air Toxics "Hot Spots" (A-I)**

The Following ingredients are listed      None Listed.

**California Air Toxics "Hot Spots" (A-li)**

The Following ingredients are listed      None Listed.

**Massachusetts "Right To Know" List**

The Following ingredients are listed      Triethanolamine  
Proprietary organic compounds

**Minnesota "Right To Know" List**

The Following ingredients are listed      None Listed.

**New Jersey "Right To Know" List**

The Following ingredients are listed  
Acrylic resin  
Triethanolamine  
Proprietary organic compounds

**Pennsylvania "Right To Know" List**

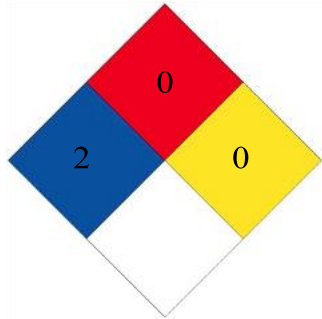
The Following ingredients are listed  
Acrylic resin  
Triethanolamine  
Proprietary organic compounds

---

**SECTION 16: Other Information**

---

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)**



**HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)**

<b>Health</b>	2
<b>Flammability</b>	0
<b>Physical Hazard</b>	0
<b>Personal Protection</b>	B

**Revision Comments** No Information available.  
**Revision Date** 01/25/2024  
**Supersedes Date** 08/08/2023  
**Revision** 2

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.