

Product **Magnetize-It! Standard**
 Revision Date **04/30/2020**
 Revision **5**
 SDS Number **1628**



Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name	Magnetize-It! Standard
Product Code	MISTD-1530
Identifier Uses	Magnetic paint and coating
Supplier	Diversified NANO Solutions Corporation 13446 Poway Road #202 Poway CA 92064
Contact Email	info@diversifiednano.com
Emergency Telephone	Call CHEMTREC Day or Night 1-800-424-9300 / +1 703-527-3887 CCN819098

SECTION 2: HAZARDS IDENTIFICATION

Appearance	Liquid
Color	Black
Odor	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

Environment

Skin Irrit.2 - H315, Eye Irrit.2A - H319, Skin. Sens 1 - H317

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%
Glycol ether	CAS-No.: 107-98-2		0-5%
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

Notes To The Physician

Treat Symptomatically.

SECTION 5: Firefighting Measures

Auto Ignition Temperature (°C)	No Information available.
Flammability Limit - Lower (%)	No Information available.
Flammability Limit - Upper (%)	No Information available.
Flash point	>95.0 °C
Extinguishing Media	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Hazardous combustion products	No information available.
Unusual Fire & Explosion Hazards	No unusual fire or explosion hazards noted.
Special Fire Fighting Procedures	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.
Protective equipment for fire- fighters	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

Personal Precautions	Use proper personal protection (refer to Section 8). Exercise appropriate precaution to minimize direct contact with skin or eyes and prevent inhalation.
Environmental Precautions	Avoid discharge into drains, water courses or onto the ground.
Spill Clean Up Methods	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

Handling	Wear gloves while handling, to avoid staining of skin. Avoid inhalation. Avoid contact with eyes, and skin. Avoid ingestion.
Usage Description	Use only according to directions.
Storage Precautions	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.
Specific End Use(s)	The identified uses are in section 1 of this Safety Data Sheet.

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

OSHA

Process Conditions
Engineering Measures
Respiratory Equipment
Hand Protection
Eye Protection
Hygiene Measures

Keep container tightly sealed when not in use. Provide eyewash, quick drench.
 Provide adequate ventilation, mechanical exhaust required.
 Government approved respirator.
 Wear appropriate protective gloves to prevent skin exposure.
 Wear protective goggles to minimize exposure to eyes.
 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

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

SECTION 10: Stability and Reactivity

Reactivity	Reactions may occur with strong oxidizers.
Stability	Stable at recommended storage conditions.
Hazardous Polymerization	Hazardous polymerization is not expected to occur under normal temperatures and pressures.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, magnesium oxide, silicon oxides, nitrogen oxides (Nox).
Conditions to Avoid	Avoid heat, flames and sparks.
Materials to Avoid	Keep away from strong oxidizing agents, bases, acids, reducing agents and foods.

SECTION 11: Toxicological Information

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

SECTION 12: Ecological Information

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

SECTION 13: Disposal Considerations

Waste Management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal Methods	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.
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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.
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OSHA Highly Hazardous Chemicals

The Following ingredients are listed	None Listed.
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US State Regulations**California Proposition 65 Carcinogens and Reproductive Toxins**

The Following ingredients are listed	None Listed.
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California Air Toxics "Hot Spots" (A-I)

The Following ingredients are listed	None Listed.
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California Air Toxics "Hot Spots" (A-li)

The Following ingredients are listed	None Listed.
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Massachusetts "Right To Know" List

The Following ingredients are listed	Triethanolamine Glycol ether Proprietary organic compounds
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Minnesota "Right To Know" List

The Following ingredients are listed	None Listed.
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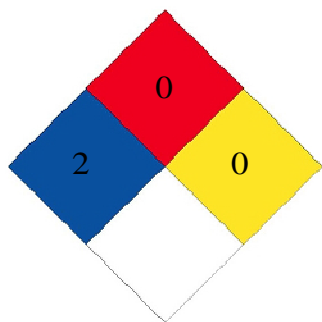
New Jersey "Right To Know" List

The Following ingredients are listed	Acrylic resin Triethanolamine Glycol ether Proprietary organic compounds
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Pennsylvania "Right To Know" List

The Following ingredients are listed	Acrylic resin Triethanolamine Glycol ether Proprietary organic compounds
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SECTION 16: Other Information

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)**HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)**

Health	2
Flammability	0
Physical Hazard	0
Personal Protection	B

Revision Comments	No Information available.
Revision Date	04/30/2020
Supersedes Date	12/09/2019
Revision	5

Disclaimer

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