

**MT-326**

# CERAMIC COATING WITH GRAPHENE

## SECTION 1 IDENTIFICATION

**Product Code and Name:** MT-326 Ceramic coating with Graphene

**Company Name and Address:** Masters Touch Global Inc, 20000 Plum Canyon Rd# 1721, Santa Clarita CA 91350

**Business Phone:** 661-510-1830

**Emergency Telephone Number:** 800-255-3924

## SECTION 2 HAZARDS IDENTIFICATION:

1) TOXIC TO REPROD. Cat2 GHS label elements:

Precautionary Statements:

Signal Word: Hazard Statement:



- 1) Comb. Liquid.
- 2) Harmful if swallowed.
- 3) Harmful if inhaled.
- 4) Causes skin irritation.
- 5) Causes serious eye irritation.
- 6) May cause damage to organs through prolonged or repeated exposure.
- 7) Suspected of damaging the unborn child.

Prevention: Keep Away from flames and hot surfaces. No smoking. Wear protective gloves/eye protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing fumes. Use only outdoors.

Read instructions before use.

Response: In case of fire use water fog for extinction.

IF SWALLOWED: Call a POISON CENTER or a doctor/physician if you feel unwell. P330 Rinse mouth. P330 Rinse mouth.

IF INHALED: Remove victim to fresh air and keep at rest. Call a POISON CENTER or a doctor/physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

IF exposed or concerned: Get medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye

irritation persists: Get medical attention. Get medical advice if you feel unwell.

Storage: Store in a well-ventilated place. Keep cool. Store locked up.

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## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture: Mixture**

**Product Description:**

CHEMICAL NAME	CAS Number	% IN PRODUCT
Silicon Dioxide	7631-86-9	25 to 28
Titanium Dioxide	13463-67-7	1
Petroleum Distillates (VP=0.01mmHg)	64742-47-8	67 to 70
Clear Ceramic Resin	Proprietary2	5 to 8
Copolymer Surfactant	N Proprietary	< 1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8

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## ■ SECTION 4 FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

**Inhalation:** Move person to fresh air at once. If breathing has stopped, get medical attention immediately.

**Skin Contact:** Wash contacted areas with mild soap and water.

**Eye Contact:** Wash eyes immediately with large amounts of water.

**Ingestion:** Do not induce vomiting. If person is conscious, give water. Get medical attention.

### MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE AND DELAYED.

#### Potential acute health effects:

**Eye contact:** Prolonged exposure can cause irritation. and redness.

**Inhalation:** Prolonged exposure can cause headache, nasal and respiratory irritation.

**Skin Contact:** Prolonged exposure can cause moderate irritation.

**Ingestion:** Gastrointestinal irritation, nausea, vomiting, and diarrhea.

#### Over-exposure signs/Symptoms:

**Eye contact:** Adverse symptoms may include the following: Causes serious Irritation, dryness.

**Inhalation:** Adverse symptoms may include the following: Causes serious inhalation damage.

#### Indication of immediate medical attention and special treatment needed, if necessary.

**Notes to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments:** No specific treatment.

**Protection of first -aiders:** No action should be taken involving any personal risk or without suitable training. Wash contaminated clothing thoroughly with water before removing it.

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## ■ SECTION 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Regular Foam, Water fog, Carbon Dioxide, or Dry Chemicals.

**Suitable extinguishing media.**

**Unsuitable extinguishing media** None known.

**Specific hazards arising from the chemical** in a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products:**

**Special protective actions for** If there is a fire, promptly isolate the scene by removing all persons from the vicinity of the fire-fighter's incident.

**Special protective equipment** Fire-fighters should wear appropriate protective equipment and self-contained breathing for fire-fighters apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Hazardous Decomposition:** Oxides of carbon or traces of hydrocarbons may be formed in small amounts.

**Special Fire Fighting Procedures:** Clear fire area of unprotected personnel. Do not enter confined fire area without full bunker gear as well as positive pressure breathing apparatus.

**Unusual Fire / Explosion Hazards:** Not Listed

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## ■ SECTION 6 ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

For non-emergency No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding personnel: areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flares in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in for "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up:**

Small Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble.

Spill: Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose via a licensed waste disposal contractor.

Large Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or spill: confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Dispose via a licensed waste contractor. Contaminated absorbent material may pose the same hazard.

Use Gloves, Goggles, Boots and Breathing Mask. Small amounts do not need special measures. Clean up with water. For large spills remove all sources of ignition. Ventilate area. Absorb with an inert absorbent material. Avoid runoff into drains and sewers. All used and unused product should be disposed of in conformance with local, state, and federal regulations

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## ■ SECTION 7 HANDLING AND STORAGE

Precautions for Put on appropriate protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do safe handling: not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternate made from a compatible material, keep tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Do not reuse container. Wash thoroughly after use. Conditions for safe Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away storage: from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled Store materials tightly closed and away from sunlight, warm confined spaces, heat and open flame. Never weld on or near containers either empty or full. Secure all chemicals out of the reach of children.

## ■ SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Control parameters Occupational exposure limits:**

Ingredient name	CAS #	PEL/OSHA	TLV-ACGIH
Silicon Dioxide	7631-86-9	Not Established	Not Established
Titanium Dioxide	13463-67-7	15mg/Cubic M	10mg/Cubic M
Petroleum Distillates (VP=0.01mmHg@20C)- Biodegradable	64742-47-8	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>
Clear Ceramic Resin	Proprietary2	Not Applicable	Not Applicable
Copolymer Surfactant	N Proprietary	Not Applicable	Not Applicable

Appropriate engineering No special ventilation requirements. Good general ventilation should be sufficient to controls control worker exposure to airborne contaminants.

**Individual protection measures:**

**Hygiene Measures:** Wash hands forearms and face thoroughly after handling chemical products **Eye/face protection:** Wear safety goggles

**Skin protection:** Avoid skin contact. Wear heavy duty gloves

**Respiratory protection:** Avoid Breathing equipment

## ■ SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid

**Color:** Clear

**Odor:** Solvent

**PH:** 7.5

**Boiling Point:** >212 °F

**Flash Point:** Not determined

**Evaporation Rate:** Not determined

**Specific Gravity:** 1.01 90%

**Vapor Pressure:** <1 (low volatile)

Volatile liquids that will evaporate over time

**Vapor Density:** > Fall in air

**Solubility:** Dispersible

Volatile organic compound (VOC) content for consumer products applications percent by weight: 0%

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## ■ SECTION 10 STABILITY AND REACTIVITY

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical Stability:** The product is stable.

**Possibility of Hazardous Reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions of instability:** When exposed to high temperatures or sun rays' colors may fade and bottles may pan

**Conditions to avoid:** Keep closed

**Hazardous Products Decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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## ■ SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

**Acute toxicity** Not classified Irritation/corrosion

Eyes	Skin	Inhalation	Ingestion
Irritation	Irritation, dryness	Causes serious inhalation damage	Causes serious ingestion damage

**Sensitizing:** There is no data available

**Mutagenicity:** There is no data available

**Carcinogenicity:** There is no data available

**Reproductive toxicity:** There is no data available

**Teratogenicity:** There is no data available

**Specific target organ toxicity (single exposure):** There is no data available

**Specific target organ toxicity (repeated exposure):** There is no data available

**Aspiration hazard:** There is no data available

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

Potential immediate effects: Not available

Potential delayed effects: Not available

#### Long term exposure

Potential immediate effects: Not available

Potential delayed effects: Not available

#### Potential Chronic health effects:

**General:** Not known significant effects or critical hazards

**Carcinogenicity:** Not known significant effects or critical hazards

**Mutagenicity:** Not known significant effects or critical hazards

**Teragenicity:** Not known significant effects or critical hazards

**Developmental effects:** Not known significant effects or critical hazards

**Fertility effects:** Not known significant effects or critical hazards

## ■ SECTION 12 ECOLOGICAL INFORMATION

**Toxicity:** Not available

**Persistence and degradability:** Not available

**Bioaccumulate potential:** Not available

**Mobility in soil: soil/water partition coefficient (Koc):** Not available

**Other adverse effects:** Not available

## ■ SECTION 13 DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the sewer but processes in a suitable effluent treatment plant. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## ■ SECTION 14 TRANSPORT INFORMATION

	<b>DOT</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	<b>Not regulated</b>	<b>Not available</b>	<b>Not regulated</b>
<b>UN proper shipping name</b>	<b>None</b>	<b>None</b>	<b>None</b>
<b>Transport hazard class(es)</b>	<b>Not classified as</b>	<b>Not classified as</b>	<b>Not classified as</b>
<b>Packing group</b>	<b>Hazardous for Transport</b> <b>Not applicable</b>	<b>Hazardous for Transport</b> <b>Not applicable</b>	<b>Hazardous for Transport</b> <b>Not applicable</b>
<b>Environmental hazards</b>	<b>No</b>	<b>No</b>	<b>No</b>
<b>Special precautions for user</b>	<b>Not available</b>	<b>Not available</b>	<b>Not available</b>

## ■ SECTION 15 REGULATORY INFORMATION

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs): Not listed

Clean Air Act Section 602 Class I Substances: Not listed

Clean Air Act Section 602 Class II Substances: Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

SARA 302/304/311/312 extremely hazardous substances: Not applicable

SARA 302/304 emergency planning and notification: Not applicable

SARA 302/304/311/312 hazardous chemicals: No products were found

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## ■ SECTION 16 OTHER INFORMATION

Version NFPA Ratings: Health 1 Flammability 3 Reactivity 0 Date of issue

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## WARNING

Although the details and recommendations contained in this product data sheet are based on the best of our knowledge and experience, all the above information must be considered as indicative only.

Users must ensure, through prior testing, that MT-326 is suitable for the intended application and site conditions. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

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