

MATERIAL SAFETY DATA SHEET

REVISED DATE 12/05/2016

MAGICIQCOAT**MAGIC IQ COAT – SELF-CLEANING PHOTOCATALYST COATING****1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT IDENTIFIERS					
PRODUCT NAME	MAGIC IQ COAT				
INGREDIENT	Titanium Oxide	Silver	Water	Ethyl Alcohol	Nitrogen
EMPIRICAL FORMULA	(TiO ₂)	(Ag)	(H ₂ O)	(C ₂ H ₆ O)	(N)
CAS#	13463-67-7	7440-22-4	7732-18-5	64-17-5	7727-37-9

- **Details of the supplier of the safety data sheet**
 - **Company: NANOMAGIC**
 - **Warren Lodge, Curryline, Newtownforbes, Longford, Ireland**
 - **Telephone: +353 4 333 82956**
- **Emergency telephone number**
 - **Emergency Phone #: +353 857522803**

2. HAZARDS IDENTIFICATION

- **Not hazardous according to directive 67/548/EEC and Regulation (EC) No 1272/2008**

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT NAME	NanoTitanium Dioxide	Nano Silver	Water	Ethyl alcohol	Nitrogen
EMPIRICAL FORMULA	TiO ₂	Ag	H ₂ O	C ₂ H ₆ O	N

4. FIRST AID MEASURES

GENERAL	No special procedures required.
INGESTION	Immediately rinse mouth. Get medical attention immediately.
SKIN	Wash the skin with soap and water.
EYES	Promptly wash eyes with plenty of water while lifting the eye lids.

5. FIRE FIGHTING MEASURES

FIRE RISK	<i>Non-flammable liquid, no fire risk.</i>
SPECIAL FIRE FIGHTING PROCEDURES	<i>No special procedures required.</i>

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS DURING SPILL	<i>No special required.</i>
SPILL CLEANUP METHODS	<i>Use sandy clay or other water absorbing material and absorbs it. Also can rinse by plentiful water, and put the sewage in wastewater treatment system.</i>

7. HANDLING AND STORAGE

STORAGE PRECAUTIONS	<i>Keep container tightly closed in cool dry places.</i>
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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

PROTECTIVE EQUIPMENT	<i>No special required.</i>
PROCESS CONTROL MEASURES	<i>Provide eye wash station and safety shower.</i>
VENTILATION	<i>No special required.</i>

9. PHYSICAL AND CHEMICAL PROPERTIES

APPERANCE	<i>Transparent / Pale blue</i>
ODOR / TASTE	<i>Odourless</i>
PH	<i>Faintly acid</i>
BOILING POINT	<i>88°C</i>
MELTING POINT	<i>-86°C</i>
FLASH POINT	<i>>80°</i>
FLAMMABILITY	<i>No</i>
AUTO IGNITION TEMP	<i>Not applicable</i>
EXPLOSIVE PROPERTIES	<i>Not applicable</i>
EXPLOSION LIMITS	<i>Not applicable</i>

PARTICLE SIZE DISTRIBUTION	2-3 nm
CONDUCTIVITY	Not applicable
ENVIRONMENT	Environmentally friendly
SOLUBILITY	Insoluble

10. STABILITY AND REACTIVITY

STABILITY CONDITIONS	No particular stability concerns
MATERIALS TO AVOID	Does not react with metals such as Zn or Al and has no harm to skin, so it does not belong to corrosives.
HAZARDOUS DECOMPOSITION	Has no Hazardous substance of decomposition

11. TOXICOLOGICAL INFORMATION

INGESTION	No effects known
INHALATION	No effects known
SKIN	Has no harm to skin, not belong to corrosives.
EYES	No effects known
SENSITIZATION	Does not have narcotic, noxious, irritating and other characters to cause extreme annoyance or discomfort to crewmembers and passengers, so it does not belong to miscellaneous dangerous goods.
ACUTE TOXICITY	According to the experience and the relevant materials, the substance does not cause acute poisoning to human. It does not belong to toxic Substance

12. ECOLOGICAL INFORMATION

- Do not allow material to be released to the environment without proper governmental permits.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Dispose of in accordance with Local Authority requirements

14. TRANSPORT INFORMATION

GENERAL	<i>According to IATA DGR, this product can be classified as “not restricted, as per special provision A3”</i>
UN NO.	<i>0</i>
ROAD TRANSPORT	<i>not restricted</i>
RAIL TRANSPORT	<i>not restricted</i>
SEA TRANSPORT	<i>not restricted</i>
AIR TRANSPORT	<i>not restricted</i>

15. REGULATORY INFORMATION

- Not Hazardous according to directives 67/548/EEC
 - R-Phrases
 - S-Phrases

16. OTHER INFORMATIONS

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the use

