
MATERIAL SAFETY DATA SHEET

DPI Solutions, Inc.

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code	CMH Global Toner
Product Name	Polyester color toner
Manufacturer Name	DPI Solutions, Inc.
Company Address	6 Shinsung-dong, Yusung-gu, Deajon, 305-345, KOREA
Section	R&D center
Manager	Dr. Eui-jun Choi (ejchoi@dpisolutions.net)
Company Phone Number	+82-42-865-6912
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SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENTS	CAS	%wt	ACGIH TLV	OSHA PEL
<i>Copolyester of</i>				
<i>Terephthalic Acid,</i>				
<i>Isophthalic Acid,</i>	N/A	< 95%	No	No
<i>n-Propylene Glycol</i>				
<i>Colorants</i> – Red	3648-36-0	< 3%	No	No
– Blue	26850-47-5	< 3%	No	No
– Yellow	83949-75-1	< 3%	No	No
– Black	<div>3648-36-0 26850-47-5 83949-75-1 1333-86-4</div>	< 5%	No	No
CCA	13170-05-3	< 2%	No	No
	19715-19-6	< 1%	No	No
Wax	8002-74-2	< 3%	No	No
Silica	68909-20-6	< 3%	No	No

SECTION 3 - HAZARD IDENTIFICATION

Hazard to Humans - *None during normal use.*
Primary Route of Entry - *Dermal or inhalation*

SECTION 4 - FIRST-AID MEASURES

INHALATION	Remove from exposure.
SKIN	Wash skin with soap and water.
EYES	Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.
INGESTION	Dilute by drinking water.

SECTION 5 - FIRE-FIGHTING MEASURES

Hazardous Combustion Products	: CO_2 , CO , AlO_x
Extinguishing Media	: Water, dry chemicals, foam, carbon dioxide
Unusual Fire or Explosion Hazards	: Toner material, like most organic materials in powder form, is capable of creating a dust explosion.
Special Fire-Fighting Procedure	: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spill Procedures:	Collect material without dusting; dispose of as hazardous waste.
Waste Disposal Methods:	Dispose of as flammable, hazardous waste solid, in accordance with Federal, State and Local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling Precautions:

- Handle in accordance with good industrial practice, handle with care and avoid any unnecessary contact.
- Keep away from heat, sparks, or open flame.
- Avoid uncontrolled procedures which may result in generating excessive dust or vapor that can be inhaled or contact the eyes.
- Use adequate local ventilation if dust or vapor generation cannot be avoided.
- Avoid skin contact with this material or solutions of this material.
- Proper housekeeping practices should be maintained.

Shipping and Storage:

- Keep container tightly closed when not in use.
- Store in a cool, dry place away from heat, spark or open flame. Store away from other combustibles and strong oxidizers.

Personal Hygiene:

- Practice good personal hygiene.
- Do not eat, smoke or apply cosmetics in areas where the material is being handled.
- Wash thoroughly with soap and water after handling.
- Launder clothing prior to use.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures - None
Personal Protective Equipment - None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance - <i>fluffy particles</i>	Explosive Properties - <i>Not applicable</i>
Odor and Odor Threshold - <i>None</i>	Partition Coefficient - <i>Not applicable</i>
pH - <i>Not applicable</i>	Oxidizing Properties - <i>Not applicable</i>
Boiling Point - <i>Not applicable</i>	Solubility in Water - <i>Insoluble</i>
Vapor Pressure - <i>Not applicable</i>	Percent Volatile - <i>None</i>
Vapor Density - <i>Not applicable</i>	Evaporation Rate - <i>Not applicable</i>
Melting Point - <i>None but softens at about 60°C</i>	Freezing Point - <i>Not applicable</i>
Flammable Limits - <i>Not available</i>	Flash Point - <i>Not available</i>

SECTION 10 - STABILITY AND REACTIVITY

Stability: *Stable;*
Conditions to Avoid: *Stable in air.*
Incompatibility (Materials to Avoid): *Avoid mixing with strong oxidizing agents.*
Hazardous Combustion Products: *Decomposition products may include toxic phenols.*
Hazardous Polymerization: *Will not occur;*

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE

Eye Contact: *No substance specific information available.*
 Polymer particles may act as foreign body.
Skin Contact: *Stains skin and fabrics.*
Ingestion: *No applicable information found.*
Inhalation: *No applicable information available. Polymer particle may be considered an inert nuisance dust.*

CHRONIC

Mutagenicity: ND
Carcinogenicity: ND
Other: ND

SECTION 12 - ECOLOGICAL INFORMATION

None

SECTION 13 - DISPOSAL INFORMATION

Waste Disposal - *Dispose of used product in accordance with applicable regulations. Do not incinerate.*

SECTION 14 - TRANSPORTATION INFORMATION

Proper Shipping Name - *None*

Hazard Class - *None*

Identification Number - *None*

RQ - *Not applicable*

Packing Group - *None*

Page Number - *None*

SECTION 15 - REGULATORY INFORMATION

Follow all regulation in your country.

SECTION 16 – OTHER INFORMATION

None

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