

Material Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version 1.0

Issue date: 11/21/2022

Revision date: 11/21/2022

SDS Record Number: SSS-TCO-010-2020064

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: HGC280-1K W2030A W2030X 415A 415X
Additional identification: Not available
Identification of the product: See section 3
Index Number: Not available
REACH registration No.: Not available
UFI code: GE00-V04G-D00M-C8TS

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

TONER FOR LASR PRINTER.

1.2.1 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier (Only representative):

Supplier (Manufacturer):

Address:

Contact person (E-mail):

Telephone:

Fax:

1.4 Emergency telephone Number:

Available outside office hours?

YES

NO

Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 Classification:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
N/A	N/A

For full text of H-phrases: see section 2.2.

2.2 label elements:

Hazard Pictograms: No hazard pictogram is used.
Signal Word(S): No signal word is used.
Hazard Statement: Not applicable.
Precautionary statement: Not applicable.

2.3 Other hazards:

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Not available.

Section 3 Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification
Resin	N/A	213077-22-6	N/A	<90%	Not Classified
Carbon black	N/A	1333-86-4	215-609-9	<10%	Not Classified
Charge control agent	N/A	31714-55-3	250-774-0	<5%	Not Classified
Wax	N/A	9010-79-1	N/A	<5%	Not Classified
Silica	N/A	67762-90-7	614-122-2	<5%	Not Classified
Synthetic rubber	N/A	68648-89-5	614-693-8	<5%	Not Classified

Section 4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Move the victim to ventilate place. Such as medical problems, such as dizziness, nausea, etc., please seek help from a doctor immediately.

4.1.2 In case of skin contact:

Take off the contaminated clothing, Wash the skin with soap and water, ask the doctor for advice.

4.1.3 In case of eyes contact:

Mention eyelid, Irrigate with flowing water or normal saline for 5 minutes, seek medical attention.

4.1.4 In case of ingestion:

Rinse mouth with water, call a physician.

4.2 Most important symptoms and effects, both acute and delayed:

This product may cause nausea, please contact a doctor immediately May irritate eyes, skin, mucous membrane, and lead to discomfort.

4.3 Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Water / Foam / Dry Chemical/CO2.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture:

The following can be given off in a fire: CO、CO2、NOx.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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For non-emergency personnel

Isolate the pollution area, Set up warning signs, Suggest wearing a mask, wear overalls, protective gloves, sweeping up carefully and avoid dust, recycling.

For emergency responders

Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

6.2 Environmental Precautions

Avoid disposing into drainage/sewer system or directly into the aquatic environment. Keeping away from drains, surface-and ground-water and soil.

6.3 Methods for Containment and Cleaning up

Sweep up or clean up with a vacuum cleaner. Combined with the local laws and regulations for processing.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

Section 7 Handling and storage

7.1 Precautions for safe handling

Protective measures

Wear dust masks and protective gloves. Provide appropriate ventilation equipment. Have general fire protection measures.

Advice on general occupational hygiene

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Stored in shady and cool place, dry and ventilated, avoid direct sunlight; control the storage temperature under 35°C. Container holding closed.

7.3 Specific end use(s)

Not applicable

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits:

Substance	EINECS No.	CAS No.	Occupational Exposure Limit Value(8-hour reference period)		Occupational Exposure Limits Value (15min reference period)		
			ppm	mg/m ³	ppm	mg/m ³	Notes
Carbon black	215-609-9	1333-86-4	--	3.5	--	7	--

8.1.2 Additional exposure limits under the conditions of use

Not available

8.1.3 DNEL/DMEL and PNEC-Values

Not available

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Use adequate ventilation to keep airborne concentrations low.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Not normally required.

Hand protection: Protective Gloves.

Body protection: Electrostatic suit.

Respiratory protection: Dust respirator

Thermal hazards:

Wear suitable protective clothing to prevent heat

8.2.3 Environmental exposure controls

Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties**9.1 Information on basic physical and chemical properties:**

Appearance:	Solid powder
Colour:	Black
Odour:	Slight
Odour threshold:	Not available
pH:	7
Melting point/range (°C):	125°C-180°C
Boiling point/range (°C):	Not available
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (20°C):	Not available
Vapour density:	Not available
Density:	0.4-0.7g/ml
Bulk density (kg/m³):	Not available
Water solubility (g/l):	Not available
n-Octanol/Water (log Po/w):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	>200°C
Viscosity, dynamic (mPa.s):	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

9.2 Other information:

Fat solubility(solvent– oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available

Section 10 Stability and reactivity**Reactivity**

The substance is stable under normal storage and handling conditions.

Chemical stability

Stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions

No dangerous reactions known.

Conditions to avoid

Incompatible materials. Decomposition temperature:>200°C

Incompatible materials

Strong oxidant.

Hazardous decomposition products

CO,CO2, NOx

Section 11 Toxicological information

Information on toxicological effects:

Acute toxicity:	Not available.
LD50(Oral, Rat):	> 10 000 mg/kg bw male.
LD50(Dermal, Rabbit):	Not available.
LC50(Inhalation, Rat):	Not available.
Skin corrosion/Irritation:	Not classified.
Serious eye damage/irritation:	Not classified.
Respiratory or skin sensitization:	Not classified.
Germ cell mutagenicity:	Ames test (Salmonella typhimurium, Escherichia coli) negative. (a similar product).
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
STOT- single exposure:	Not classified.
STOT-repeated exposure:	Not classified.
Aspiration hazard:	Not classified.

Section 12 Ecological information

12.1 Toxicity

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

12.2 Persistence and degradability:	Not available.
12.3 Bioaccumulative potential:	Not available.
12.4 Mobility in soil:	This product cannot be discharged into the sewer and water, and optionally.
12.5 Results of PBT & PvB assessment:	Not available.
12.6 Other adverse effects:	Not available.

Section 13 Disposal considerations

13.1 Waste treatment methods:	The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.
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Section 14 Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated

Packaging group	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of Marpol and the IBC Code	Not regulated	Not regulated	Not regulated

Section 15 Regulation information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed.

For use only by technically qualified individuals.

Other National regulations: Not applicable.

15.2 Chemical Safety Assessment has been carried out?

YES

NO

Section 16 Other information

16.1 Indication of changes:

Version 1.0 Amended by (EU) 2015/830

16.2 Training instructions:

Not applicable.

16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.4 Notice to reader:

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 user.