

Safety Data Sheet

Issue date 18-Nov-2016 (DD-MMM-YYYY)

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name C-904(K)A2
Product Name (English) C-904(K)A2
Recommended Use Toner
H- Product code 059033
E- Product code S6082247-LWZ60IKD-LWZ60IKD
Company Name Importer / Supplier
-

Emergency telephone -

Email address -

SECTION 2: Hazards identification

GHS - Classification

Label Elements

Symbols/Pictograms

Hazards not otherwise classified (HNOC)

Not applicable

SECTION 3: Composition/information on ingredients

Single Substance or Mixture mixture

Recommended Use Toner

Chemical name	CAS No	Weight-%
Polyester	186397-54-6	80-90
Carbon black	1333-86-4	5-10
Wax	61682-73-3	1-5
Charge control agent	133350-42-2	3-7
Silica	7631-86-9	1-5
Titanium dioxide	13463-67-7	<1
External additive	9011-14-7	<1

Ingredients contributing to the classification of the mixture, etc.

SECTION 4: First aid measures

General advice	Do not breathe dust/fume/gas/mist/vapors/spray Do not get in eyes, on skin, or on clothing
inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell
Skin contact	Get medical attention if irritation develops and persists Wash contaminated clothing before reuse Wash skin with soap and water
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
INGESTION	Get medical attention Clean mouth with water

SECTION 5: Fire fighting measures

Suitable extinguishing media	CO ₂ , dry chemical, dry sand, alcohol-resistant foam, mist of alkali salts water Move containers from fire area if you can do it without risk Use extinguishing measures that are appropriate to local circumstances and the surrounding environment Remove combustible materials from their surroundings immediately
Special protective equipment for fire-fighters	Use personal protective equipment as required In the event of fire and/or explosion do not breathe fumes Special protective equipment for fire-fighters
Flammable properties	May re-ignite after fire is extinguished Dust can form an explosive mixture with air Substance does not burn but will support combustion
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire
Special Extinguishing Media	Cool container with water spray

SECTION 6: Accidental release measures

Environmental Precautions	See Section 12 for additional Ecological Information Dispose of contents/container to an approved waste disposal plant Avoid release to the environment
Methods for cleaning up	Use personal protective equipment as required Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry Take up mechanically, placing in appropriate containers for disposal Avoid creating dust Clean contaminated surface thoroughly Collect spillage
Personal precautions	Use personal protective equipment as required In case of fire: Stop leak if safe to do so Do not touch damaged containers or spilled material unless wearing appropriate protective clothing Take precautionary measures against static discharges Avoid creating dust ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Ensure adequate ventilation, especially in confined areas

Methods for Containment Prevent further leakage or spillage if safe to do so

SECTION 7: Handling and storage

Advice on safe handling

- Take precautionary measures against static discharges
- Use personal protection recommended in Section 8
- Use only in well-ventilated areas
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wash contaminated clothing before reuse
- Wash hands thoroughly and gargle after handling

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place
Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity)

SECTION 8: Exposure controls/personal protection

Exposure Limits No information available

Chemical name	China	Japan	ACGIH TLV	OSHA PEL
Carbon black	TWA: 4 mg/m ³ total dust STEL: 8 mg/m ³ total dust	4 mg/m ³ (Class 2 Dust, total dust) 1 mg/m ³ (Class 2 Dust, respirable dust)	TWA: 3 mg/m ³ inhalable fraction	TWA: 3.5 mg/m ³

Engineering controls Ensure adequate ventilation, especially in confined areas
Showers
Eyewash stations
Ventilation systems

Personal protective equipment (PPE)

Respiratory protection Wear suitable respiratory equipment
dust proofing mask

Hand protection Wear protective gloves

Eye/face Protection Wear safety glasses with side shields (or goggles)

Skin and Body Protection Wear suitable protective clothing
Protective shoes or boots

SECTION 9: Physical and chemical properties

Physical state powder
color black
ODR slight odor
odor threshold no data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Flash point measuring method</u>
pH	no data available	
Melting point/freezing point	no data available	
Boiling point/boiling range	no data available	No information available
Flash Point	no data available	No information available
Evaporation Rate	no data available	No information available
Combustibility	no data available	
explosive limits		
Explosive upper limit	no data available	
Explosive lower limit	no data available	
vapor pressure	no data available	No information available

Vapor density	no data available	No information available
Specific gravity	1.1-1.3(25°C)	
solubility(ies)		
Water solubility	Immiscible in water	
Organic Solvent Solubility	soluble in organic solvents	
Partition coefficient	no data available	No information available
Autoignition temperature	no data available	No information available
decomposition temperature	no data available	No information available

Chemical name	Boiling point °C	density	Vapor pressure	Vapor density	Flash Point	Autoignition temperature
Carbon black	-	1.86 g/cm3	-	-	-	-

SECTION 10: Stability and reactivity

stability Stable under normal conditions

Explosion data

Sensitivity to Mechanical Impact Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

Sensitivity to Static Discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

Possibility of hazardous reactions None under normal processing

Conditions to Avoid dust formation

Hazardous decomposition products May emit toxic fumes under fire conditions

hazardous polymerization None under normal processing

stability Stable under normal conditions

SECTION 11: Toxicological information

The product may cause irritation to eyes, skin and mucous membranes

Acute Toxicity

inhalation Reference to other sections; 4

Eye Contact Reference to other sections; 4

Skin contact Reference to other sections; 4

INGESTION Reference to other sections; 4

skin corrosion/irritation No information available

Serious eye damage/eye irritation No information available

sensitization No information available

Germ Cell Mutagenicity Ames test: Negative(C-904(Y,M,C,K)mixed color)

Carcinogenicity

Chemical name	IARC
Carbon black	Group 2B

IARC Note:

Group 1:Carcinogenic to humans, Group 2A:Probably carcinogenic to humans, Group 2B:Possibly carcinogenic to humans, Group 3:Not classifiable as to carcinogenicity in humans

Reproductive Toxicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Aspiration Hazard	No information available

Numerical measures of toxicity

95.5% of the mixture consists of ingredient(s) of unknown toxicity

Chemical name	Oral LD50	dermal LD50	Inhalation LC50	Classification according to Regulation (EC) No. 1272/2008 [CLP] ANNEX VI Table3.1 / Other	Japan GHS Classification / Other
Carbon black	-	-	-	-	STOT RE 1 Self-heat. 1 Self-heat. 2

GHS/CLP Classification Note:

Acute Tox. Der. :Acute toxicity - Dermal, Acute Tox. Inh. (D/M) :Acute toxicity - Inhalation - Dusts and Mists, Acute Tox. Inh. (Gas) :Acute toxicity - Inhalation - Gases, Acute Tox. Inh. (Vap) :Acute toxicity - Inhalation - Vapours, Acute Tox. Oral :Acute toxicity - Oral, Aquatic Acute :Acute Hazardous to the aquatic environment, Aquatic Chronic :Chronic Hazardous to the aquatic environment, Asp. Tox. :Aspiration hazard, Carc. :Carcinogenicity, Expl. :Explosives, Eye Dam. :Serious eye damage, Eye Irrit. :Eye irritation, Flam. Gas :Flammable gases (including chemically unstable gases), Flam. Liq. :Flammable liquids, Flam. Solid :Flammable solids, Lact. :Effects on or via lactation, Met. Corr. :Corrosive to metals, Muta. :Germ cell mutagenicity, Org. Perox. :Organic peroxides, Ox. Gas :Oxidizing gases, Ox. Liq. :Oxidizing liquids, Ox. Sol. :Oxidizing solids, Press. Gas :Gases under pressure, Pyr. Liq. :Pyrophoric liquids, Pyr. Sol. :Pyrophoric solids, Repr. :Reproductive toxicity, Resp. Sens. :Respiratory sensitization, Self-heat. :Self-heating substances and mixtures, Self-react. :Self-reactive substances and mixtures, Skin Corr. :Skin corrosion, Skin Irrit. :Skin irritation, Skin Sens. :Skin sensitization, STOT RE :Specific target organ toxicity – Repeated exposure, STOT SE :Specific target organ toxicity – Single exposure, Water-react. :Substances and mixtures which, in contact with water emit flammable gases

SECTION 12: Ecological information

ecotoxicity

100 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability	No information available
Bioaccumulation	No information available
Mobility	No information available
Other adverse effects	No information available

SECTION 13: Disposal considerations

Waste from Residues/Unused Products	Should not be released into the environment. Disposal should be in accordance with applicable regional, national and local laws and regulations. Gently place the waste in Incinerator. Do not incinerate dust. Incinerate following the regulations of industrial waste disposal.
Contaminated packaging	Improper disposal or reuse of this container may be dangerous and illegal.

SECTION 14: Transport information

Containers/vessels must be leakage-free. Loading must be done to prevent containers from falling, dropping down and being damaged
Take necessary steps to prevent collapse

UN number Not applicable
Packing group Not applicable
ERG Code Not applicable
Proper shipping name Not applicable

IMDG Not regulated
UN number Not applicable
Packing group Not applicable

IATA Not regulated
UN number Not applicable
Packing group Not applicable

SECTION 15: Regulatory information

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

Prevention and Control of Occupational Diseases Present

Regulations on Safe Management of Hazardous chemicals Not applicable

Regulation on the Administration of Precursor Chemicals Not applicable

Harmonized Commodity Description and Coding System
The Law of the People's Republic of China on Import and Export Commodity Inspection Not applicable

Regulations for Environmental Management on the Import and Export of Toxic Chemicals Not applicable

Road transport management regulations for dangerous goods Not applicable

SECTION 16: Other information

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Key literature references and sources for data LOLI Database (ChemADVISOR, Inc.)

Disclaimer

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End of Safety Data Sheet