



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Asplit® ET Powder Conductive black

Revision date: 01.09.2022

Product code: 00359-1188

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Asplit® ET Powder Conductive black

Art.-No.

592 0540

CAS No:

64743-05-1

EC No:

265-210-9

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Filler

1.3. Details of the supplier of the safety data sheet

Company name:

TIP TOP Oberflächenschutz Elbe GmbH

Street:

Heuweg 4

Place:

D-06886 Wittenberg

Telephone:

+49(0)3491/635-50

Telefax: +49(0)3491/635-552

Responsible Department:

Responsible for the safety data sheet: sds@gbk-ingelheim.de

1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

Public Poisons Information Line: +353 (0) 1 809 2166 (8am-10pm 7 days a week)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This substance is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Additional advice on labelling

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

The product is considered non-explosive; nevertheless explosive dust/air mixture can be generated

SECTION 3: Composition/information on ingredients

3.1. Substances

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Asplit® ET Powder Conductive black

Revision date: 01.09.2022

Product code: 00359-1188

Page 2 of 8

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|----------------------------|----------|----------|----------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 64743-05-1 | Coke (petroleum), calcined | | | > 99 % |
| | 265-210-9 | | | |
| | | | | |

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove and wash contaminated clothing before re-use.

After inhalationMove to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
In the event of symptoms refer for medical treatment.**After contact with skin**

Wash with water and soap as a precaution.

After contact with eyesRinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.**After ingestion**Rinse out mouth and give plenty of water to drink.
In the event of symptoms refer for medical treatment.**4.2. Most important symptoms and effects, both acute and delayed**When dust is produced, slight irritations of eyes and mucous membranes are possible.
Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptoms.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Fire-extinguishing activities according to surrounding.
Foam, carbon dioxide (CO₂), dry chemical, water-spray.**Unsuitable extinguishing media**

Full water jet.

5.2. Special hazards arising from the substance or mixtureDust may form explosive mixture in air.
Fire may produce:
Carbon monoxide, carbon dioxide and sulphur oxides.**5.3. Advice for firefighters**In case of fire, wear suitable respiratory equipment with positive air supply.
Protective suit.**Additional information**

Cool containers at risk with water spray jet.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Asplit® ET Powder Conductive black

Revision date: 01.09.2022

Product code: 00359-1188

Page 3 of 8

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

- Ensure adequate ventilation.
- Keep away noninvolved persons.

For non-emergency personnel

- Do not breathe dust.
- Avoid contact with skin, eyes and clothing.

For emergency responders

- In case of respirable dust, use a self-contained breathing apparatus.
- Use personal protective clothing.

6.2. Environmental precautions

- Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

For containment

- Avoid dust formation.

For cleaning up

- Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.
- Where possible recycling is preferred to disposal.

6.4. Reference to other sections

- Observe protective instructions (see Sections 7 and 8).
- Informations for disposal look up chapter 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

- Keep container tightly closed.
- Avoid the formation and deposition of dust.
- Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

Advice on protection against fire and explosion

- No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

- Keep container tightly closed in a dry, cool and well-ventilated place.

Hints on joint storage

- No materials to be especially mentioned.

Further information on storage conditions

- Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

- Filler

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

- Obey TLV for common dust, if applicable.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Asplit® ET Powder Conductive black

Revision date: 01.09.2022

Product code: 00359-1188

Page 4 of 8

8.2. Exposure controls

Appropriate engineering controls

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

Protective and hygiene measures

Do not inhale dust.

Wash hands before breaks and at the end of workday.

When using do not eat, drink or smoke.

Remove and wash contaminated clothing before re-use.

Eye/face protection

Safety goggles with side protection (EN 166).

Hand protection

Chemical protective gloves made of nitrile, nitrile/cotton, butyl or neoprene, with a minimum thickness of 0.7 mm, permeation time of approx. 480 minutes.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Pls. find examples in the protective gloves database under: <http://bestglove.com/site/chemrest/>

Skin protection

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

Breathing apparatus (particle filter) only if dust is formed. [FFP3 (EN 149)]

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|-----------------|-----------|------|
| Physical state: | Powder | |
| Colour: | Black | |
| Odour: | Odourless | |
| pH-Value: | | n.a. |

Changes in the physical state

| | |
|---|-------|
| Melting point/freezing point: | n. d. |
| Boiling point or initial boiling point and boiling range: | n. d. |
| Sublimation point: | n.a. |
| Softening point: | n. d. |
| Flash point: | n.a. |

Flammability

| | |
|---------------|------------------|
| Solid/liquid: | Not combustible. |
| Gas: | n.a. |

Explosive properties

The product is considered non-explosive; nevertheless explosive dust/air mixture can be generated

| | |
|----------------------------|-------|
| Lower explosion limits: | n. d. |
| Upper explosion limits: | n. d. |
| Auto-ignition temperature: | n. d. |

Self-ignition temperature

| | |
|--------|-----------------------------------|
| Solid: | The product is not self-igniting. |
| Gas: | n.a. |

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Asplit® ET Powder Conductive black

Revision date: 01.09.2022

Product code: 00359-1188

Page 5 of 8

Decomposition temperature: n. d.

Oxidizing properties

Not oxidising.

Vapour pressure: n.a.

Density: n. d.

Bulk density: n. d.

Water solubility: More or less insoluble
(at 20 °C)**Solubility in other solvents**

n. d.

Partition coefficient n-octanol/water: n. d.

Viscosity / dynamic: n.a.

Viscosity / kinematic: n.a.

Flow time: n.a.

Relative vapour density: n.a.

Evaporation rate: n. d.

Solvent separation test: n.a.

Solvent content: 0 %

9.2. Other information

Solid content: 100 %

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Strong oxidizing agents, reducing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

Fire may produce:

Carbon monoxide, carbon dioxide and sulphur oxides.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Based on available data, the classification criteria are not met.

LD50/oral > 5000 mg/kg

LD50/dermal > 2000 mg/kg

LC50/inhalation: > 5 mg/l

Irritation and corrosivity

Based on available data, the classification criteria are not met.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Asplit® ET Powder Conductive black

Revision date: 01.09.2022

Product code: 00359-1188

Page 6 of 8

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

11.2. Information on other hazards**Endocrine disrupting properties**

No data available

Other information

When dust is produced, slight irritations of eyes and mucous membranes are possible.

Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

SECTION 12: Ecological information**12.1. Toxicity**

LC50/Fish > 1000 mg/l

EC50/Daphnia > 1000 mg/l

EC50/Algae > 1000 mg/l

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

No data available

Further information

Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Where possible recycling is preferred to disposal.

List of Wastes Code - residues/unused products



Safety Data Sheet

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Asplit® ET Powder Conductive black

Revision date: 01.09.2022

Product code: 00359-1188

Page 7 of 8

080299 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of other coatings (including ceramic materials); wastes not otherwise specified

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

Land transport (ADR/RID)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC): 0 %
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): - - non-hazardous to water



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Asplit® ET Powder Conductive black

Revision date: 01.09.2022

Product code: 00359-1188

Page 8 of 8

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,4,5,6,7,8,9,10,11,12.

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"