



Datasheet SBc 120-A4 Blue

1. Identification of the Substance / Preparation and the Company / Undertaking

Product Name: SBc 120-A4 Blue

Application: Toner fusion / Laser Printing

Characterisation: Polyester substrate with aqueous-based coated layer either side

2. Hazards Identification

This product is not suitable for direct or indirect food contact
Unlikely to cause harmful effects under normal conditions of handling and use.

3. Composition / Information on Ingredients

Orientated film made from polyethylene terephthalate.

Proprietary aqueous-based surface coated formulation, applied to both sides.

4. First Aid Measures

Only normally needed for thermal burns and for inhalation of smoke from burning material. Treat in the same way as thermal burns and wood smoke inhalation.

Inhalation Remove patient from exposure. In case of irritation of respiratory system or mucous membranes, seek medical attention.

Skin Contact Molten material can cause severe burns. Do not try to peel molten product away from the skin. Cool rapidly with water. Obtain immediate medical attention.

Eye Contact: Rinse immediately with clean water and seek medical attention.

Ingestion Wash out mouth with water. Do not induce vomiting. Give water to drink. If patient vomits turn to recovery position. Seek medical attention.

Never induce vomiting or give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Combustible but not readily ignited. Persistent application of a flame will ignite the material. Burning is accompanied by melting and dripping which may cause a fire to spread.

Suitable extinguishing media

Water spray, Alcohol-resistant Foam, CO₂, Dry powder.

Exposure hazards

This product may give rise to hazardous fumes in the event of a fire. Contaminated water from fire hoses or sprinklers must be prevented from draining into watercourses, sewers, or the ground water. Sufficient measures must be taken to retain water used for extinguishing. Contaminated water and soil must be disposed of in compliance with local legislation.

Special Protective equipment for firefighters

Wear full protective clothing. Wear self-contained breathing apparatus.

Combustion products

Combustion will evolve toxic and irritant vapours. A range of volatile organic compounds in addition to Carbon Dioxide, Water and Carbon Monoxide will be formed.

6. Accidental Release Measures

The coating is insoluble in water, but soluble in organic solvents

Personal precautions

Do not breathe vapours from solvent. Avoid contact with skin, eyes and clothing.

Environmental precautions

Spills including dissolved coating should not be flushed into surface water, sanitary sewer or ground water system.

Methods for cleaning up

Scrap film generated through processing, eg, trimming, cutting, should be swept up and placed in drums or plastic bags. Spills including dissolved coating should be absorbed by absorbent material such as sawdust or tissue. All containers must be tightly sealed and properly labelled.

7. Handling & Storage

Handling

Avoid ignition sources. Do not eat, drink or smoke at the workplace.
No evidence of irritant effects from normal handling and use.
Sharp edges may cause cuts.

Storage

Keep away from food and drink. Store in original wrapping / container.
Recommended conditions for storage: 10 to 30°C, 20 to 50% Relative Humidity.
Exposure to extremes of temperature and humidity should be avoided.

8. Exposure Controls / Personal Protection

Technical measures / Precautions

Ensure adequate ventilation, especially in confined spaces.

Hand protection

Wear suitable gloves to avoid cuts from trimming / sharp edges.

Respiratory protection

Respiratory protection not required.

Eye protection

Wear suitable goggles when trimming / cutting.

Skin and body protection

Working clothes, closed protective footwear
In accordance with good hygiene practises, always wash hands with soap and water after handling material and before handling any foodstuffs.

9. Physical and Chemical Properties

Form

Solid coated film

Color

Blue

Odour

Mild odour

Solubility in Water

Insoluble

Melting temperature

255°C - 260°C

Freezing temperature

Not tested

Oxidising properties

Not tested

Relative Density

Not tested

Boiling point

Not applicable