



Material Safety Data Sheet: CX17 TPU 60A SERIES 3D PRINTING FILAMENT

BASE RESIN: BASF™ Elastollan C60A10WH US

1. Identification of the substance/preparation and of the company

- 1.1 Trade name: Coeflex TPU60a 3D printer filament
- 1.2 Use of the product: 3D printer filament, thermoplastic.
- 1.3 Supplier: Coex
660 Corporate WAY
Pulaski, WI 54162
Phone: (920) 757-1055

2. Hazards identification

- 2.1 Classification: No need according to GHS Criteria
- 2.2 Special advice on hazards: No specific dangers known

3. Composition / information on ingredients

- 3.1 Chemical characteristics:

CAS #	Hazardous Components	Concentration
27138-31-4	Propanol, oxybis-, dibenzoate	>= 15.0 - < 50.0%

4. First-aid measures

- 4.1 On skin contact: In case of contact with molten polymer immediately cool the skin with cold water. Medical aid may be required to remove adhering material and for treatment of burns.
- 4.2 After inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
- 4.3 On ingestion: If swallowed, wash out mouth with water provided person is conscious.
- 4.4 On eyes contact: In case of contact, immediately flush eyes with copious amounts of water for at least {15} minutes.

5. Fire-fighting measures

- 5.1 Suitable fire extinguishing media: Water spray, chemical powder or carbon dioxide.
- 5.2 Special exposure hazards: No particular hazards known.
- 5.3 Special protective equipment: Self-contained breathing apparatus
- 5.4 Remark: In case of fire and/or explosion do not breathe fumes.

6. Accidental release measures

- 6.1 Personal precautions: Spilled material may cause a slipping Hazard.



6.2 Methods for cleaning up: Vacuum or sweep up material and place into a suitable disposal container.

7. Handling and storage

7.1 Handling: Avoid contact with molten polymer.
7.2 Storage: Protect against moisture. Store cool and keep packaging closed when not in use. Avoid sources of ignition.

8. Exposure controls/ personal protection

8.1 Technical safety measures: No occupational exposure limits known
8.2 Personal safety equipment: Use adequate safety equipment, e.g. protective clothing, eye protection glasses, heat protection gloves.
8.3 Work hygiene: No eating or drinking during working. Avoid contact of hot material with the skin. Avoid breathing dust and vapors.

9. Physical and chemical properties

9.1 Form: Spool
9.2 Color: Various
9.3 Odor: None
9.4 Melting Temperature: 150-230C
9.5 Oxidizing properties: Not self-igniting / flammable
9.6 Explosions limits: No test data
9.7 Density: 1.14 - 1.16 g/cm3
9.8 Solubility in water: Not soluble



10. Stability and reactivity

10.1 Stability: The product is stable at recommended storage conditions.
10.2 Conditions to be avoided: No conditions known that should be avoided
10.3 Substances to be avoided: No special recommendations.
10.4 Hazardous decomposition products:

Decomposition products:
carbon monoxide, carbon dioxide, hydrogen cyanide

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated. > 230 °C Thermal decomposition above the indicated temperature is possible. Prolonged thermal loading can result in products of degradation being given off.



11. Toxicological information

- 11.1 Local irritation: None
- 11.2 Other remarks: None

Ecological information

- 11.3 Ecological info:
- 11.4 Biological degradation: This product is not biodegradable.
- 11.5 Bioaccumulation: This product is not biodegradable.

12. Disposal considerations

- 12.1 Product: In accordance with local and national regulations. Should not be released into the environment. Do not contaminate ponds, waterways or ditches with chemical or used container.
- 12.2 Uncleaned packaging: Packaging material has to be emptied completely and disposed in accordance with the regulations. Packaging can be recycled if not contaminated.

13. Transport information

- 13.1 Transport regulations: Not classified as hazardous under transport regulations DOT, ICAO/IATA, IMDG/GGVSee, ICAO/IATA

14. Regulatory information

- 14.1 EPA regulations:
 - Sara 313 title III: Not Listed
 - TSCA Inventory List: Listed

15. Other information

This data is based on the current state of our information and experience.
This safety data sheet describes our product in terms of safety requirements.
Preceding data is not applicable as a warranty of product properties.
It is the responsibility of the recipient to observe the existing legal regulations for the use of this product.