

## SAFETY DATA SHEET

According to Regulation (EC) No.1907/2006

Prima Creator                      Select Flex TPU 77D

Product code:	Revision Number:	Revision date:	MSDS No.:
Select TPU 77D	03	03/08/2021	KS036

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product name:** Prima Creator 3D printing filament

**Product code:** Select Flex TPU 77D

**Product Use:** A filament to be used in 3D printing applications.

**Supplier:** Prima Printer Nordic AB

**Address:** Prima Printer Nordic AB  
Blidögatan 27 D, 211 24 MALMÖ  
SWEDEN

**Responsible/issuing person:** martin@3dprima.com

**Emergency telephone numbers:** + 46 40 684 97 90

### 2. HAZARDS IDENTIFICATION

**Health Effects:** When handled at high temperatures, can cause serious burns.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical name:** Thermoplastic polyurethane

**CAS Number:** 9009-54-5

**Weight:** >98%

### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. Call a physician immediately.

**Skin contact:** Rinse immediately with plenty of water for at least 15

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**Eye contact:**                      minutes. If skin irritation persists, call a physician. Cool skin rapidly with cold water after contact with hot polymer. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

**Ingestion:**                        Drink water as a precaution. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Call a physician immediately.

**Notes to physician:**              Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media :**      Foam. Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Special protective equipment:**      As in any fire, wear self-contained breathing apparatus for fire fighters pressure demand.

**Under fire conditions:**              Cool containers / tanks with spray water. Water mist may be used to cool closed containers.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**              Use personal protective equipment. See Section 8. Remove all sources of ignition. Avoid dust formation. Avoid contact with skin and eyes. Sweep up to prevent slipping hazard.

**Environmental precautions:**        Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

**Methods for cleaning up:**              Shovel into suitable container for disposal.

### 7. HANDLING AND STORAGE

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**Safe handling advice:**                      Avoid contact with skin and eyes. Workers should be protected from the possibility of contact with molten material during fabrication. Low hazard for usual industrial or commercial handling. Use personal protective equipment.

**Storage conditions:**                      Store in cool place. Keep at temperatures below 50°C (122 °F). No special restrictions on storage with other products.

**Precautions:**                                      No special precautions required.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye/face protection:**                      Wear safety glasses for general purpose.

**Hand protection:**                              Wear gloves (product handled in molten state).

**Skin and body protection:**                      Wear protective clothing (product handled in molten state).

**Respiratory protection:**                      In case of dust formation, wear a dust mask.  
In case of insufficient ventilation, wear suitable respiratory equipment.

**Hygiene measures:**                              Avoid contact with skin, eyes, and clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**                                      filaments. Solid at room temperature.

**Color:**    Opaque,transparent.

**Odour:**    Slight odor.

**pH:**    not applicable.

**Vapor pressure:**                                      Not determined.

**Vapor density:**                                      Not determined.



