



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product Name: Nylon Filament

Product Description: Black, White Filament

Part Number(s): F013DF45AB, 26153D01CA

Catalog Number(s): DF45-NYP-B, DF45-NYP-W

Date of issue: January 16, 2017

Manufacturer/Distributor:

Robert Bosch Tool Corporation
1800 W. Central Road
Mt. Prospect, IL 60056

For More Information Call:

(Monday-Friday, 8:00 AM– 5:00 PM CST)
Bosch Customer Service
(877) 267-2499

In Case Of Emergency Call:

(24 Hours/Day, 7 Days/Week)
(877) 303-0891

SECTION 2: HAZARDS IDENTIFICATION

Adverse Human Health Effects:	None
Environmental Effects:	None
Physical and Chemical Hazards:	None
Special Hazards:	None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature: Modified Nylon for 3D printing

CAS Number: 24993-04-2

Additional Information: No harmful substances used.

SECTION 4: FIRST AID MEASURES

Inhalation:

In case of gases evolving from molten resin, bring the affected person to fresh air. Call a physician immediately in case of discomfort.

Skin Contact:

In case of contact with molten material, immediately wash the skin with plenty of cold water. See a physician for removal of adhering material.

Eye Contact:

If molten material contacts the eye, rinse immediately with plenty of water for at least 15 minutes. Call a physician immediately.

Ingestion:

Induce vomiting with medical advice. Rinse mouth with water. Seek medical advice if discomfort occurs.



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SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media:

Water, Foam, Dry chemical powder

Fire and Explosion Hazards:

None

Special Fire-Fighting Procedure:

Minimize dust generation and accumulation

Special Protective Equipment:

Wear self-contained breathing apparatus and full protective clothing

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Wear appropriate personal protective equipment.

Environmental Precautions:

Prevent entry into surface water or drainage systems.

Methods for Cleaning up:

Sweep up and shovel into suitable containers for disposal.

SECTION 7: HANDLING AND STORAGE

Handling:

Avoid contact with molten material. Use personal protective equipment.

Storage:

Keep cool. Protect from water, moisture and direct sunlight. Avoid all sources of ignition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls:

Provide appropriate exhaust ventilation at places where dust is formed.

Personal Protective Equipment:

Skin Protection: Wear protective clothing, when handling hot molten product.

Hand Protection: Wear protective gloves, when handling hot molten product.

Eye Protection: Wear protective glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Monofilament
Density:	1.13g/cm ³
Melting Point:	190°C-200°C
Solubility:	Insoluble in water

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:

Stable under recommended storage conditions.

Reactivity:

None expected under conditions of normal use.

SECTION 11: TOXICOLOGICAL INFORMATION

Irritation:

Fumes generated from decomposing resin may be irritant to eyes.



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SECTION 12: ECOLOGICAL INFORMATION

Persistence and Degradability:

Non-degradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

Not regulated.

SECTION 15: REGULATORY INFORMATION

Not available.

SECTION 16: OTHER INFORMATION

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