



SAFETY DATA SHEET

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

Product Name: ECO-ABS Filament

Product Description: Black, White Filament

Part Number(s): F013DF45AA, 26153D01BA

Catalog Number(s): DF45-ECO-B, DF45-ECO-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:	Impact modified PLA for 3D printing
CAS Number:	9051-89-2
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.



SAFETY DATA SHEET

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: 1.25g/cm³

Melting Point: 165°C-180°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.



SAFETY DATA SHEET

SECTION 11: TOXICOLOGICAL INFORMATION

Irritation:

Fumes generated from decomposing resin may be irritant to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Persistence and degradability:

Product is biodegradable.

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

Although Robert Bosch Tool Corporation has attempted to provide current and accurate information herein, Robert Bosch Tool Corporation makes no representations regarding the accuracy or completeness of the information and assumes no liability for any loss, damage, injury of any kind which may result from or arise out of the use of or reliance on the information by any person.

It shall be the responsibility of the customer purchasing this product to ensure that all employees/users of this product are familiar with and trained in the handling, use and hazards associated with this product as contained herein. This responsibility shall also extend directly to the user.