

SAFETY DATA SHEET



1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Subdrain 22GF, 22GFF, 25F, 25FP, 25MF, 40F, 40FP,
CHEMICAL FAMILY: 40FPHS Polypropylene
SUPPLIER: **BioFlex Roof Products**
Canada (Head Office)
209 - 3380 South Service Road
Burlington, Ontario
L7N 3J5
EMERGENCY CONTACT: (833) 425 2441

2. HAZARDS IDENTIFICATION

Emergency Overview

No significant hazards are associated with this product.

Acute Potential Health Effects

Inhalation: Inhalation unlikely, but can burn due to fire creating a dense toxic smoke. Severe over exposure may result in nausea, headache, chills, and fever. Consult a physician.

Eyes: Direct Contact may cause irritation of eyes. Consult a physician.

Ingestion: Is very unlikely.

Skin: Direct contact may cause no more than slight irritation. Unless caught on fire, causing possible severe thermal burns.

CLASSIFICATION OF INGREDIENT(S)

All substances listed are associated with the nature of raw materials used to create this product. Which are not independent components of the products formulation. All substances, if present, are at levels below regulatory limits. See section 11: Toxicology for details.

POTENTIAL ENVIRONMENTAL EFFECT(S)

Has no ecological effect. Unless ignited.

3. COMPOSITION / INFORMATION ON INGREDIENTS

NAME (CAS#)	WT%
Polypropylene (9003-07-0)	100

4. FIRST AID MEASURES

Eye contact: Flush with water for 20-30 minutes, or till irritation subsides.

Skin contact: Wash with soap & warm water till irritation subsides.

Inhalation: Leave the area and relocate to fresh air.

Ingestion: Product is not intended to be ingested or eaten.

5. FIRE FIGHTING MEASURES

Flash point: 375°C

Auto Ignition: 370°C, Estimated

Lower Flammable Limit: 0.25 oz/cf (dust)

Extinguishing media: Water Spray, Foam.

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Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion:

Intense heat, dense black smoke, carbon monoxide, carbon dioxide, & hydrocarbon fragments.

6. ACCIDENTAL RELEASE MEASURES

No precautions.

7. HANDLING AND STORAGE

Handling:

Follow recommendations processing guide for the product. Prevent contact with skin & eyes. Use good industrial hygiene practices.

Storage:

Store in a dry place away from moisture, excessive heat and source of ignition. Avoid storage near foods to prevent food contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye: Wear safety glasses with side shield or chemical goggles.

Skin: Avoid prolonged or repeated contact with material. When melting product use pants, long sleeves, insulated gloves, and face protection when applicable.

Respiratory: When processing fumes are not controlled, use approved protection from organic vapors and acid gases. When dust from secondary operations is not controlled, use respiratory approved equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid.

Odor: Slight Odor.

Melting Point: 165 °C

Flash Point: 375 °C

Auto Ignition: 370 °C

Water Solubility: Insoluble in Water.

Specific Gravity: 0.91

Percent Volatile: 0

10. STABILITY AND REACTIVITY

Conditions to avoid: Do not exceed melt temperature recommendations.

Stability: Stable under recommended conditions of storage and handling.

Hazardous Decomposition: Processing fumes evolved at recommended processing conditions may include trace levels of ethylbenzene, arcolein, acetaldehyde, acetophenone, cumene, and other lower molecular weight hydrocarbon fragments.

11. TOXICOLOGICAL INFORMATION

No health effects are expected under normal usage.

This product contains less than 0.03% carbon black. Any exposure to carbon black is expected to remain below OSHA regulations and ACGIH recommended limits during normal handling and use of this product.

The national Institute of Occupational Safety & Health criteria document on carbon black recommends that only carbon black with .1% will be considered suspect of carcinogens.

12. ECOLOGICAL INFORMATION

Not expected to be hazardous to the environment in present form.

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13. DISPOSAL CONSIDERATIONS

Recycling is encouraged. Disposal in landfill or by incineration in accordance to federal, state and local requirements. Do not dump into any sewers, on the ground, or into any water of water.

14. TRANSPORT INFORMATION

DOT Classification: Not Regulated.

15. REGULATORY INFORMATION

USA TSCA: This product complies with the Chemical Substances Inventory requirements of the US EPA Toxic Substances Control Act (TSCA).

WHMIS Classification: D2

16. OTHER INFORMATION

This material may contain commercially available pigments, dyes, or colorants. These colorants are typically added at concentrations of <5%, but may be added in concentrations as high as 10%. Each user should read and understand this information and incorporate it into individual site safety programs in accordance with applicable hazard communication standards and regulations.

HMIS Rating:

Health	0
Flammability	1
Reactivity	0
B-SAFETYGLASSES&GLOVES	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

PREPARED BY: BioFlex Roof Products

DATE: February 1, 2022

MANUFACTURER DISCLAIMER: The information contained herein is based on data believed to be reliable by BIOFLEX ROOF PRODUCTS. It is true and accurate to the best of our knowledge, but is not intended to be all inclusive. Users should consider this information as a supplement to other information gathered by them and must make their own determination of suitability and completeness to assure proper safe use and disposal of these materials.