

ITW Formex  
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Flame Retardant Materials

FORMEX GK (all colors)  
MATERIAL SAFETY DATA SHEET

**IDENTIFICATION**

PRODUCT: Formex GK-XX (XX –denotes nominal thickness in mils)  
CHEMICAL NAME: Proprietary Blend  
CHEMICAL FAMILY: Flame Retardant Polyolefin Compound

**HEALTH INFORMATION**

EYE CONTACT: Mechanical irritation due to small pieces  
SKIN CONTACT: Unlikely to cause irritation  
INHALATION: Mechanical irritation due to small pieces  
INGESTION: Not a probable route for exposure

**OCCUPATIONAL EXPOSURE LIMITS:**

No OSHA PEL or ACGIH TLV has been established

**EMERGENCY FIRST AID PROCEDURES**

EYE CONTACT: Flush eyes with water; do not rub eyes.  
SKIN CONTACT: If contact with molten material occurs, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical advice for thermal burn.  
INHALATION: Breathe clean air  
INGESTION: Not a probable route for exposure

**PHYSICAL DATA**

BOILING POINT (°F): NA VAPOR PRESSURE (MM Hg): NA  
SPECIFIC GRAVITY: 1.035g/cc VAPOR DENSITY: NA  
SOLUBILITY IN H<sub>2</sub>O: Insoluble  
APPEARANCE AND ORDER: Solid sheet: essentially odorless.

*Continued...*

The information contained herein is based on the data available to us and is believed to be correct. However, ITW Formex makes no warranty express or implied regarding the accuracy of these data or the results to be obtained from the use thereof. ITW Formex assumes no responsibility for injury from the use of the product described herein.

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## **FIRE AND EXPLOSION HAZARDS**

FLASH IGNITION: >375°C

EXTINGUISHING MEDIA: Water, foam, dry chemicals, or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES:

Material will not burn and melts when exposed to flame.

Do not enter confined fire space without positive pressure NIOSH approved self-contained breathing apparatus with a full facepiece.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material is a UL (Underwriters Laboratory recognized 94 V-0 or VTM-0 product.

## **REACTIVITY**

STABILITY: Stable

CONDITIONS AND MATERIALS TO AVOID: Strong Oxidizing agents.

## **EMPLOYEE PROTECTION**

RESPIRATORY PROTECTION: Not ordinarily required.

PROTECTIVE CLOTHING: Not ordinarily required.

ADDITIONAL PROTECTIVE MEASURES:

Avoid prolonged exposure to vapors from molten or near molten product.

Provide adequate ventilation when processing under these conditions.

## **ENVIRONMENTAL PROTECTION**

SPILL OR LEAK PROCEDURES: Shovel, sweep, or vacuum to prevent slipping hazards. Contain material for reclamation or disposal.

WASTE DISPOSAL: Recycle, incineration, or landfill in compliance with Federal, State, and Local regulations.

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## **REGULATORY CONTROLS**

D.O.T. CLASSIFICATION: Not hazardous by D.O.T. regulations

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Panning and Community Right-To-Know Act of 1986 and of 40CFR part 372:

<u>CAS#</u>	<u>Chemical Name</u>	<u>Weight percent(%)</u>
1309-64-4	Antimony Oxide	6.1%

All components used are listed in the TSCA (Toxic Substances Control Act) Inventory.

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