

# MicroC Foam<sup>®</sup>

## MATERIAL SAFETY DATA SHEET

### SECTION I – PRODUCT IDENTIFICATION

TRADE NAME : MicroC Foam PI series                      HMIS RATING : H-0, F-1, R-0  
Micro cellular polyurethane / polyethylene terephthalate

CAS NUMBER : Polyurethane : 9009-54-5  
Polyethylene terephthalate : 25038-59-9

CHEMICAL FAMILY : Urethane Polymer                      EMERGENCY PHONE : **86-592-7075788**

### SECTION II – HAZARDOUS INGREDIENTS

No hazardous materials present as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Composition/Information on ingredients			
Component Name	Chemical Name	wt%(in component)	CAS No.
Foam	Polyurethane	85~90	9009-54-5
	Aluminum hydroxide	5~10	21645-51-2
	Carbon black	1	1333-86-4
Film	Polyethylene terephthalate	>99	25038-59-9
Adhesive	Acrylic adhesive	>99	Proprietary

This form is provided as a reference to our customers.

### SECTION III – PHYSICAL DATA

BOILING POINT : NA    SPECIFIC GRAVITY : 0.20 – 0.70

VAPOR PRESSURE : NA    EVAPORATION RATE : NA

SOLUBILITY IN WATER : Negligible    pH : NA

APPEARANCE : Cellular Foam    ODOR : Slight Odor

### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NA    FLAMMABLE LIMITS : NA Lel NA Uel

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METHOD USED : NA

EXTINGUISHING MEDIA :       X  Water Fog       X  Foam       X  CO<sub>2</sub>  
    X  Dry Chemical       \_\_\_  Other

SPECIAL FIRE FIGHTING PROCEDURES :      Decomposition in a fire may produce toxic fumes. Fire fighters should be equipped with self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS :      polyurethane materials may generate dense smoke in a fire.

HAZARDOUS DECOMPOSITION PRODUCTS :      CO, CO<sub>2</sub>, oxides of nitrogen, HCN, and traces of incompletely burned carbon compounds.

AUTOIGNITION TEMPERATURE :      NA

## SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE :      None are expected with normal handling. Cutting and other finishing operations may create polyurethane dust. Ventilation and personal protection should be similar to all operations generating nuisance dust.

### FIRST AID PROCEDURES

INHALATION :      Remove to fresh air and seek medical attention if necessary.  
EYE CONTACT :      Flush eyes with water and seek medical attention if necessary.  
SKIN CONTACT :      Wash thoroughly with soap and water.  
INGESTION :      NA

## SECTION VI – REACTIVITY DATA

STABILITY :       X  Stable       \_\_\_  Unstable

CONDITIONS TO AVOID :      NA

INCOMPATIBILITY :      NA  
(MATERIALS TO AVOID)

HAZARDOUS POLYMERIZATION :  \_\_\_  May Occur       X  Does Not Occur

HAZARDOUS DECOMPOSITION : See Section IV.

## SECTION VII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION : None required with normal handling.

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VENTILATION :  
LOCAL EXHAUST : Recommended in cutting/finishing operations or hot wire cutting operations.

MECHANICAL(GENERAL) : Recommended as with all industrial operations.

EYE PROTECTION : Safety glasses are recommended in all industrial operations.

PROTECTIVE CLOTHING : Leather gloves to avoid skin contact as a precautionary measure.

OTHER : NA

## SECTION VIII – ENVIROMENTAL DATA

ENVIROMENTAL TOXICITY DATA : NA

WASTE DISPOSAL METHOD : Landfill in accordance with all local, state, and federal regulations.

CONTAINER DISPOSAL : Landfill in accordance with all federal, state, and local regulations.

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

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
None	NA	NA

## SECTION IX – SHIPPING DATA

DOT SHIPPING NAME : NA

DOT HAZARD CLASSIFICATION : NA

UN/NA CODE : NA

## SECTION X – SPILL OR LEAK PROCEDURES

RESPONSE TO SPILLS : Clean-up avoiding creation of nuisance dust.

REPORTABLE QUANTITY : NA

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## SECTION XI – SPECIAL PRECAUTIONS

### RECOMMENDED STORAGE

PRACTICE AND CONDITIONS : Cool dry area.

OTHER PRECAUTIONS : Hot wire cutting operations should be exhausted to prevent exposure to irritating vapors.

NA = Not Applicable  
NE = Not Established

DATE PREPARED: Feb 02, 2017

PREPARED BY: Dean Tech  
APPROVED BY: Dean Tech

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