



# Material Safety Data Sheet

from Air Purator Corp.

## Advance Information

Manufactured By: Air Purator Corporation  
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 Taunton, Ma 02780  
 Telephone: (508) 880-5200

## SECTION 1 - PRODUCT IDENTIFICATION

<b>PRODUCT</b>	HuyFlex™ 4405M
<b>FINISH</b>	Proprietary
<b>DESCRIPTION</b>	Composite Textile Product

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL & COMMON NAME:	MAX. % BY WT.	UN#	CAS#	TLV (SOURCE)	PEL (SOURCE)
Fibrous Glass	75%	Not assigned	Not assigned	Not listed	Not listed
Respirable Fibrous Glass Dust	Not known*	Not assigned	Not assigned	5 mg/m3 (ACGIH)	5 mg/m3 (OSHA)

\* AMOUNT WILL BE DEPENDENT UPON METHOD OF HANDLING

## SECTION 3 - OTHER INGREDIENTS

ITEMS LISTED IN THIS SECTION ARE EITHER CHEMICALLY OR PHYSICALLY BONDED TO THE FIBROUS GLASS TEXTILE AND ARE DEEMED NON-HAZARDOUS IN THE STATE SUPPLIED.

CHEMICAL NAME:	COMMON NAME:
Polytetrafluoroethylene	Teflon
Diphenyldimethylsiloxane	Silicone Resin
Methylphenyl Polysiloxane	Silicone Resin
Dimethyl/diphenylpolysiloxane	Silicone Fluid
Other common textile chemicals	Surfactants - Wetting Agents

## SECTION 4 - PHYSICAL DATA

<b>SPECIFIC GRAVITY</b>	Not Applicable
<b>APPEARANCE</b>	White to Dark Brown
<b>PHYSICAL STATE</b>	Solid
<b>SOLUBILITY IN WATER</b>	Insoluble
<b>ODOR</b>	No Distinctive Odor



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## SECTION 5 - FIRE HAZARD DATA

<b>FLASH POINT</b>	Not Applicable
<b>FLAMMABLE LIMITS</b>	Not Applicable
<b>EXTINGUISHING MEDIA</b>	Water, Dry Powder, or Foam
<b>SPECIAL FIRE FIGHTING PROCEDURE</b>	Wear self-contained breathing apparatus with full face-piece and protective clothing.
<b>UNUSUAL FIRE HAZARDS</b>	In a sustained fire, combustible decomposition products may be released. These products include carbon dioxide, carbon monoxide, low molecular weight hydrocarbons, silicone dioxide, hydrogen flouride and Hydroflouric acid.

## SECTION 6 - REACTIVITY DATA

<b>STABILITY</b>	Stable
<b>CONDITIONS/MATERIAL TO AVOID</b>	None
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None generated under normal storage or handling conditions.

## SECTION 7 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF EXPOSURE</b>	Inhalation & Skin Contact
<b>EFFECTS OF OVEREXPOSURE</b>	Direct contact with fibrous glass or its dust may cause mechanical irritation and transitory dermatitis. Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.
<b>EMERGENCY AND FIRST AID PROCEDURE:</b>	<b>Inhalation</b> Move to fresh air area. <b>Ingestion</b> Not likely to occur through normal use. <b>Eyes</b> Flush with flowing water for 15 minutes. <b>Skin</b> Flush with ample cool water than wash with mild soap
<b>CARCINOGEN</b>	Not listed under IARC, NTR, or OSHA. Evidence from human and animal studies found by IARC to be insufficient to classify fiberglass filament as a possible, probable, or confirmed cancer causing material.



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## SECTION 8 - SPECIAL PROTECTION REQUIRED

<b>RESPIRATORY</b>	If airborne dust or fibers exceed the TLV or if upper Respiratory irritation occurs, use a respirator designed for nuisance type dusts.
<b>VENTILATION</b>	Normal area ventilation is sufficient in most cases to keep dust and fiber levels below the TLV.
<b>SKIN</b>	Gloves may be required for certain workers who have sensitive skin or contact dermatitis.
<b>EYE</b>	None required for normal use, but suggested as a good safety practice whenever use of the product releases fibrous glass.
<b>OTHER</b>	Observe good personal hygiene.

## SECTION 9 - CONTAINMENT AND DISPOSAL

<b>CONTAINMENT AND CLEAN-UP</b>	Dust or loose fibers can be vacuumed or swept with the aid of a dust suppressant.
<b>DISPOSAL</b>	Dispose according to local, state, and federal laws. This material is not regulated under RCRA hazardous waste regulations.

## SECTION 10 - SPECIAL PRECAUTIONS

<b>SHIPPING</b>	Not regulated by DOT.
<b>STORAGE</b>	Store in dry area.

## SECTION 11 - SPECIAL PRECAUTIONS

This product contains no known toxic chemicals subject to the Reporting Requirements of Section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372.

**DISCLAIMER:** The information provided herein is believed to be accurate; but it is not warranted to be, whether it originated with Air Purator Corporation or not. Much of the information contained in this MSDS originates from Suppliers. This information cannot be warranted by Air Purator Corporation to be correct or appropriate for the recipients intended use.