



# Material Safety Data Sheet

## IDENTIFICATION

PRODUCT NAME: **ARCHITEC 400®**  
APPLICATION: An extremely strong UV stabilized knitted shadecloth that has been designed for large commercial tension membrane structures & shade sails  
DESCRIPTION: Extra Heavy Duty Knitted Shadecloth  
UN NUMBER: Not Applicable  
HAZCHEM CODE: Not Applicable  
DANGEROUS GOODS CLASS: Not Applicable  
POISONS SCHEDULE: Not Applicable

## PHYSICAL DESCRIPTION & PROPERTIES

APPEARANCE: Odorless knitted fabric in various colors  
FLASHPOINT: Not Applicable  
MELTING POINT: 130 degrees C (266 degrees F)  
FR STANDARD COMPLIANCE: NFPA-701 2010; ASTM E-84 Class 1 or A rating  
VAPOR PRESSURE: Not Applicable  
SOLUBILITY IN WATER: Insoluble  
SPECIFIC GRAVITY: 0.90 – 0.95

INGREDIENTS/COMPOSITION:	CAS NUMBER:	PROPORTION:
High Density Polyethylene (HDPE)	9002-88-4	~ 95%
Hindered Amines Light Stabilizer	-	~ 1%
Other proprietary pigments and additives	-	~ 4%

## HEALTH EFFECTS/FIRST AID

**EXPOSURE/INGESTION:** This product is of a solid nature and should not be swallowed.  
**FIRST AID:** If necessary, seek medical advice.

**EXPOSURE/EYE:** May irritate the eye from physical contact.  
**FIRST AID:** This product is of a solid nature and should not contact the eye. Seek medical advice.

**EXPOSURE/SKIN:** This fabric may be fabricated using high temperature equipment-beware of molten material.  
**FIRST AID:** If molten plastic contacts the skin, cool affected area rapidly under cold, clean running water. Do not peel molten plastic from skin. Seek medical advice.

**EXPOSURE/INHALATION:** Avoid fumes and or dust generated from welding, burning or dust from other handling.  
**FIRST AID:** If affected by fumes or dust, remove to a clean well ventilated area. If necessary, seek medical advice.

The information set out above has been compiled from supplier reference data including third party Material Safety Data Sheets. Polyfab believes that the information is accurate and reliable, though we do not make or give any warranty (other than implied by statute which may not be excluded) with respect to the information. By using this information, the user undertakes not to hold Polyfab liable or responsible in any way whatsoever in relation or consequential to such use.

## FOR MORE INFORMATION PLEASE CONTACT

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