

CALOTHERM

Material Safety Data Sheet

**Calotherm Microfibre Cloth
(Supacloth)**

MATERIAL SAFETY DATA SHEET

Calotherm Microfibre Cloth

IDENTIFICATION:

PRODUCT	CALOTHERM MICROFIBRE CLOTH
MANUFACTURER	THREE-SIXTY UNIT 65 MOCHDRE INDUSTRIAL ESTATE NEWTOWN POWYS SY16 4LE UK
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SECTION 1

HEALTH
FLAMMABILITY
REACTIVITY
SPECIAL HAZARDS

N.F.P.A. HAZARD RATING

0
350°C IP 10/94 SEC 9.1
0
0

SECTION 2

TRADE NAMES
USE

SUPACLOTH / CALOTHERM CLOTH / CALOCLOTH

Ultra fine microfibre cloth for cleaning and de-misting all lenses including anti-reflective and multi-coated glass and plastic lenses when used in conjunction with Calotherm solution (Supaspray)

MAKE UP
D.O.T SHIPPING NAME

Polyester / nylon blending ratio 70% / 30%
Non-regulated

SECTION 3

HAZARDOUS
INGREDIENTS

Not applicable

SECTION 4

BOILING POINT
MELTING POINT
SPECIFIC GRAVITY
(H₂O-1)
PERCENT VOLATILE BY
VOLUME
VAPOUR DENSITY
EVAPORATION RATE
(BUAC-1)

PHYSICAL DATA

Not applicable
Not applicable
0.94
100
Not applicable
Not applicable

SOLUBILITY IN WATER	Insoluble
APPEARANCE	Smooth microfibre fabric
ODOUR	Not applicable
WEIGHT	170g/m ²
THICKNESS	0.32mm
APPARENT DENSITY	0.531g/cm
TENSILE STRENGTH	14.0 X 5.0 kgf/cm
TENSILE ELONGATION	170% X 280%
TEAR STRENGTH	1.0 X 4.0 kgf
HOT WATER SHRINKAGE	(80° for 30mins) 2.0%

SECTION 5

FIRE AND EXPLOSION HAZARD DATA

As this mixture is very dilute it will exhibit a high flash point. Select extinguishing medium appropriate to other materials involved in and/or to the circumstances of the fire. Flammable vapour capable of causing intoxication may be given off on heating.

Where large quantities are involved, fire fighters should wear self-contained breathing apparatus

Extinguishing Media:

Small fires – use carbon dioxide or dry chemical powder

Large fires – use alcohol resistant foam or water fog

Fire fighting procedure: Any suitable for adjacent material

SECTION 6

HEALTH HAZARD DATA

Not applicable

EMERGENCY FIRST AID

Not applicable

SECTION 7

REACTIVITY DATA

STABILITY	Stable
CONDITIONS TO AVOID	High temperatures
MATERIALS TO AVOID	Strong oxidisers
HAZARDOUS DECOMPOSITION	Not applicable

SECTION 8

ENVIRONMENTAL PROTECTION PROCEDURES

WASTE DISPOSAL To be performed in compliance with all current Local, State and Federal Regulations

SECTION 9**SPECIAL PROTECTION INFORMATION**

Not applicable

SECTION 10**STORAGE AND HANDLING**

WAREHOUSE

General; keep containers tightly closed when not in use; avoid exposure to direct sunlight and sources of heat

SHELF LIFE

Unlimited

MSDS – PREPARED BY THREE-SIXTY, OWNERS OF THE CALOTHERM BRAND

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