## Safety Data Sheet

**XFLO JB** 



#### January 2019 - Version 2

Section 1 - Chemical Produc	t and company identification	
Product Name -	HEXATHERM	
Use -	Thermal Insulation	
Company -	Cellecta Limited, Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF	
Email/Web Address -	technical@cellecta.co.uk www.cellecta.co.uk	
<b>Emergency Contact No</b>	During office hours - 01634 296677. Outside of these please contact a medical	
	professional.	

## Section 2 - Composition/Information on Ingredients

Component	CAS #	EG #
Polystyrene	9003-53-6	500-008-9
Carbon dioxide (blowing agent)	00124-38-9	204-696-9
Isobutane (co-blowing agent)	00075-28-5	200-857-2
Brominated preparation with synergic (flame retardant)	1889-67-4	217-568-2
Solvent Dimethylether	115-10-6	204-065-8
Talcum	-	-
Colouring additive	-	-
Product labeled according to regulation CLP EC 1272/2008		

#### Section 3 - Hazards Identification

No p	articular	hazards	are	known
------	-----------	---------	-----	-------

Appearance - Emergency Overview -	Yellow, odorless foam board with closed cells To prevent ignition, avoid open fire, smoking and high temperatures. Grinding, sawing or other treatments, can produce dust particles which may under specific conditions form explosive dust atmospheres that can be ignited. Exposure to dust may be irritating to eyes, nose and throat.	
Potential Health Effects		
Inhalation -	Dust produced by grinding, Sawing or other treatments, may cause irritation of the nose, throat and respiratory tract.	
Skin contact -	No effects expected.	
Eye contact -	Dust produced by grinding, Sawing or other treatments, may cause irritation of the eyes.	
Ingestion -	Ingestion of the product can cause gastrointestinal irritation and/or disturbances.	
Notes to physician -	No specific antidote	

Section 4 - First aid measuresInhalation -Move person to fresh air. If effects occur, consult a physician.Skin Contact -Wash skin with plenty of water.Eye Contact -Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, consult a medical professional.Ingestion -Consult a medical professional. Do not give laxatives and don't induce vomiting.

Section 5 - Fire fighting measures			
Flash Point -	320°C Flash ignition temperature according		
	ASTM D1929 (B)		
Extinguishing media -	Foam, water, carbon dioxide		

#### Continued on page 2

# Safety Data Sheet



Section 5 - Fire fighting meas Hazardous combustion	sures (continued)		
products -	Under fire conditions, polymers decompose. The smoke may contain polymer		
products	fragments of varying compositions in addition to unidentified toxic or irritating		
	compounds. Primary combustion products are Carbon Dioxide and Styrene.		
Other Important flamibillity	compounds. Finnary combustion products are carbon bloxide and styrene.		
information -	When the product is stared in closed containers a flammable atmosphere can		
mormation -	When the product is stored in closed containers, a flammable atmosphere can		
The fighting in structure	develop.		
Fire fighting instructions -	Keep people away. Isolate fire perimeter		
Protective Equipment for			
fire fighters -	Wear positive-pressure, self containing breathing apparatus and protective fire		
	fighting clothes.		
Section 6 - Accidental Release	e Measures		
Protect people -	Clear non-emergency personnel from area. Use appropriate equipment.		
Environmental protection -	Firewater may be toxic.		
Clean up -	Pick up, sweep up dust and pieces. Depose in a suitable container.		
Section 7 - Handling and Stor	age		
Handling -	Prevent cumulation of dust. In order to prevent build-up of combustible vapours, do		
	not store large quantities in an unventilated space.		
Storage -	Flammable vapours may cumulate.		
Storage -	The storage should be ventilated.		
	-		
	Storage, use and handling areas should be non-smoking areas.		
	The material should never be exposed to a flame or other ignition sources.		
	Take the necessary measurements to prevent build-up of static electricity.		
Section 8 - Exposure Controls	s/Personal Protection		
Engineering controls -	Provide general and/or local exhaust ventilation to control airborne levels below		
	exposure guidelines.		
Personal protective equipment			
Eye and face protection -	Use safety glasses		
Skin protection -	Wear clean body-covering clothes.		
Respiratory protection -	Provide general and/or local exhaust ventilation to control airborne levels below		
Respiratory protection -	exposure guidelines.		
	exposure guidelines.		
Section 9 Physical and Chan	nical Properties		
Section 9 - Physical and Cher	-		
Appearance -	Yellow foam board		
Physical state -	Solid		
Odor -	Odorless		
Specific gravity -	30 - 40kg/m3		
рН -	N/A		
Solubility (water) -	Insoluble		
Softening point -	104°C		
Decomposition -	≥320°C (Flash point)		
	180°C (Physical/chemical degradation)		

## Continued on page 3

# Safety Data Sheet



Section 9 - Physical and Chemical Properties (continued) Upper and lower explosion limits (Vol%):

UEL:	DME	26,2			
LEL:	DME	3,3			
UEL:	Isobutane	8,5			
LEL:	Isobutane	1,8			
		, -			
Section 10 - C	Chemical Stabil	ity and React	ivity		
Stability -	inennical Stabil		ble in typical use conditions		
	a ve i d	•	perature - 75°C		
Conditions to avoid -					
		•	ratures above 250°C		
		Avoid direct s	unlight		
Incompatibility	with other				
materials -			Avoid contact with oxidizing materials, aldehydes, amines, esters, fuel and organic		
		solvents.			
		-			
Acute and chro			nding, sawing, drilling may cause mechanical irritation of eyes and skin.		
Carcinogenicity	y -	There are no known chronic health effects connected with long term us of the			
		product.			
	cological Infor				
Ecotoxicity -		-	h probability that the product is not acutely harmful to aquatic		
		-	hibition of degradation activity of activated sludge is not anticipated		
		when introdu	ced to biological treatment plants in appropriate low concentrations.		
		Toxicity to fis	h: LC 50 (96 h) >500 mg/l, Leuciscus idus (DIN 38412 Part 15)		
Persistence an	d degradability		nows this product to be inert and non-degradable. The product has not		
			The statement has been derived from products of a similar structure		
		and composit	tion.		
<b>Bioaccumulation potential -</b>		•	will not be readily bioavailable due to its consistency and		
		insolubility in water.			
	Disposal Consid				
All disposal methods should be in accordance with federal/or local regulations					
Section 14 - T	ransport Infor	mation			
Land transport	: -	ADR	Not classified as dangerous goods		
		סופ	Not classified as dangerous goods		

Land transport -	ADR	Not classified as dangerous goods
	RID	Not classified as dangerous goods
Inland waterway transport -	ADNR	Not classified as dangerous goods
Sea transport -	IMDG	Not classified as dangerous goods
Air transport -	IATA	Not classified as dangerous goods