polyglyceryl-4 isostearate, polyglyceryl-5 isostearate, polyglyceryl-6 isostearate, polyglyceryl-8 isostearate, polyglyceryl-10 isostearate, polyglyceryl-2 diisostearate (diglyceryl diisostearate), polyglyceryl-3 diisostearate, polyglyceryl-10 diisostearate, polyglyceryl-2 triisostearate, polyglyceryl-2 tetraisostearate, polyglyceryl-10 decaisostearate, polyglyceryl-2 oleate, polyglyceryl-3 oleate, polyglyceryl-4 oleate, polyglyceryl-5 oleate, polyglyceryl-6 oleate, polyglyceryl-8 oleate, polyglyceryl-10 oleate, polyglyceryl-6 dioleate, polyglyceryl-2 trioleate, and polyglyceryl-10 decaoleate; ethylene glycol mono-fatty acid esters, such as ethylene glycol monostearate; propylene glycol mono-fatty acid esters, such as propylene glycol monostearate; pentaerythritol fatty acid partial esters; sorbitol fatty acid partial esters; maltitol fatty acid partial esters; maltitol ethers; sorbitan fatty acid esters, such as sorbitan monooleate, sorbitan monoisostearate, sorbitan monolaurate, sorbitan monopalmitate, sorbitan monostearate, sorbitan sesquioleate, sorbitan trioleate, diglycerol sorbitan penta-2-ethylhexylate, and diglycerol sorbitan tetra-2-ethylhexylate; sugar derivative partial esters, such as sucrose fatty acid esters, methyl glucoside fatty acid esters, and trehalose undecylenoate; alkyl glucosides, such as caprylyl glucoside; alkyl polyglycosides; lanolin alcohol; reduced lanolin; polyoxyethylene fatty acid mono- and di-esters, such as polyoxyethylene distearate, polyethylene glycol diisostearate, polyoxyethylene monooleate, and polyoxyethylene dioleate; polyoxyethylene-propylene glycol fatty acid esters; polyoxyethylene glycerin fatty acid esters, such as polyoxyethylene glycerin monostearate, polyoxyethylene glycerin monoisostearate, and polyoxyethylene glycerin triisostearate; polyoxyethylene sorbitan fatty acid esters, such as polyoxyethylene sorbitan monooleate, polyoxyethylene sorbitan monostearate, polyoxyethylene sorbitan monooleate, and polyoxyethylene sorbitan tetraoleate; polyoxyethylene sorbitol fatty acid esters, such as polyoxyethylene sorbitol monolaurate, polyoxyethylene sorbitol monooleate, polyoxyethylene sorbitol pentaoleate, and polyoxyethylene sorbitol monostearate; polyoxyethylene methyl glucoside fatty acid esters; polyoxyethylene alkyl ether fatty acid esters; polyoxyethylene-modified animal and vegetable fats and oils, such as polyoxyethylene sorbitol beeswax; alkyl glyceryl

2 below. A phase B was also weighed in a sample tube. The premix and the aqueous phase were heated, and the liquid temperature was determined to be 85°C or higher. Thereafter, the premix was added to the aqueous phase with stirring. After addition of the premix, the resultant mixture was allowed to stand still and cool, to thereby prepare a stick-shaped base material.

[0088] (Method for Measurement of Breaking Strength)

The breaking strength of the base material was measured with YAMADEN RHEONER II CREEP METER RE2-33005B (available from YAMADEN Co., Ltd.) under the following conditions: measuring speed: 0.5 mm/sec, measurement distortion rate: 20%, storing pitch: 0.10 sec, and jig: 30349-3.

The results are shown in Table 2.

Table 2

Ingredient (%)		Comp. Ex. 1	Comp. Ex. 2	Comp. Ex. 3	Comp. Ex. 4	Comp. Ex. 5	Ex. 1	Ex. 2	Ex. 3
Phase A	Pal-GH	1.0%	1.0%	1.0%	1.0%	1.0%	0.75%	1.00%	1.25%
	BL-4.2	0.80%	0.80%	0.80%	0.80%	0.80%	0.60%	0.80%	1.00%
	1,2-Hexanediol	0.40%	0.40%	0.40%	0.40%	0.40%	0.30%	0.40%	0.50%
	Stearic acid	0.10%	0.10%	0.10%	0.10%	0.10%	0.08%	0.10%	0.12%
	Water	7.70%	7.70%	7.70%	7.70%	7.70%	5.77%	7.70%	12.13%
Phase B	Water	89.50%	89.50%	89.50%	89.50%	89.50%	92.0%	89.50%	84.50%
	Propylene glycol alginate*4	-	-	-	-	-	0.50%	0.50%	0.50%
	κ-Carrageenan*5	0.50%	-	-	-	-	-	-	-
	HPC SSL grade*6	-	0.50%	-	-	-	-	-	-
	HPC H grade*7	-	-	0.50%	-	-	-	-	-
	Croscarmellose sodium*8	-	-	-	0.50%	-	-	-	-
	Hydroxypropyl methyl cellulose*9	-	-	-	-	0.50%	-	-	-
Breaking strength [$\times 10^5$ Pa]		Detection limit or less	Detection limit or less	Detection limit or less	Detection limit or less	Detection limit or less	0.4	0.7	0.9

*4: Available from KIMICA Corporation

*5: Available from Sansho Co., Ltd.

*6: Available from Nippon Soda Co., Ltd.

*7: Available from Nippon Soda Co., Ltd.

*8: Available from DSP GOKYO FOOD & CHEMICAL Co., Ltd.

*9: [Trade name: Metolose SE-06] available from Shin-Etsu Chemical Co., Ltd.

[0089] As shown in Table 2, the stick-shaped based material of Examples 1 to 3 exhibited a breaking strength of 0.4 to 0.9 $\times 10^5$ Pa; i.e., they had a strength required particularly for a stick-shaped base material.