Material Safety Data Sheet **Identity** (Trade Name Used On Label) NL-PFE Manufacturer's Name MSDS Number* NIKKO KASEI Co. . LTD. SHIGA PLANT PL-PF-0101 CAS Number* 2-1, 4CHO-ME, ISHIBEGUCHI, KONAN, SHIGA JAPAN Not Applicable Date Prepared DEC. 22, 2008 Phone Number (For Information) 81-748-77-2870 Emergency Phone Number Note: Blank Spaces are not permitted. If any items not applicable, 81-748-77-2871 or no information is available, the space must be make to that. SECTION 1. COMPSITION/INFORMATION ON INGREDIENTS SUBSTACE/MIXTURE MIXTURE Wt. % OSHA ACGIH Other Limits PEL TLV Recommended 40~45 Thin woven cotton 55~60 Phenolic resin products CLASS Name of HAZARDOUS CHEMICALS For SDS IN JAPAN Not Applicable Chemical Name & Common Names Cotton Thin Woven Reinforced Phenolic Resin. Synonym CAS Registry Number Not Applicable Chemical Formula UN Class and UN Number Not Applicable SECTION 2. FHYSICAL / CHEMICAL CHARACTERISTICS Boiling Point Specific Gravity (H,0=1) 1.30~ 1.40 None Vapor Pressure (mmHg and Temperature) Unknown Melting Point None Vapor Density(Air=1) Unknown Evaporation Rate (Butyl Acetate=1) Unknown Solubility in Water None Water Reactive None Yellow - Brown molded solid . None Appearance and Odor FIRE AND EXPLOSION HAZARD DATA SECTION 3. Flash Point and Method Used Explosion Limit Upper Lower Ignition Point Method Used No Data None None No Data Ignitability (Auto-Ignition, Reaction with water) Oxidizing Properties Self Reaction Properties Explosiveness None None None None Dust Explosiveness Reactivity No Data None Extinguisher Media A normal fire extinguishing is not particular. Special Fire Fighting Procedures Keep personal removed from and upwind of fire.

Others

Nonflammable

Toxic gases (carbon

Unusual Fire and Explosion Hazards

from upon combustion.

monooxide, carbon dioxide, nitrogen oxides, hydrocarbon) will

SECTION 4.	REAC	TIVITY HA	ZARD DATA						
STABILITY ⊠Stable □Unstable	Conditi To Avoi		Strong Acids, Bases, sol	vents.					
Incompatibility (Materials to Avoid	d)	S	trong Acids, Bases, solv	vents					
Hazardous Decomposition Produ	ıcts		Unknown						
Hazardous Polyn	merizati	on Conditi	ions						
□May Occur		To Avoid							
⊠Will not Occu	r		none						
SECTION 5. HEALTH HAZARD DATA									
PRIMARY ROUTES		☐ Inhalation	☐ Ingestion	CARCINOGEN	□NTP	□ OSHA			
OF ENTRY	L	□ Unstable	Not Hazardous	LISTED IN	□IARC Monogr	aph 🖾 Not Listed			
HEALTH HAZARDS	I	Acute Toxicity	None						
	(Chronic Toxicity							
Signs Symptoms			Sensitization		Carcinogennicity				
of Exposure		Jnknown	Unknow			Unknown			
Mutagenicity (Micro		Chromosomal Abei K nown	rration)	Reoroductive Tox Unki	icity nown	Teratogenicity Unknown			
Medical Condition	ns								
Generally Aggrava			Unknown						
EMERGENCY FIRST	AID PRO	CEDURES - Seek	medical assistance fo	r further treatment ob	servation and suppo	ort necessary.			
Eye Contact po		-	uct are processed for wash off with clea			d. If the found micro , See a doctor.			
Skin Contact		found micropo , See a docto		in, immediately was	sh off with soap	and clean water. If			
Inhalation				mediately rinse ou	rt the mouth and	the throat. And get ride			
		lowed, immedi	iately spit out . If	necessary, See a	doctor.				
SECTION 6.	CONTR	OL AND PR	OTECTIVE MEASU	JRES					
Respiratory Prote	ection	When the f	inished products are	produced further,	the powder be	found. Wear a protection			
(Specify type) cloth in order not to contact the powder on skin directly. After finishing the process or leave						nishing the process or leaving			
Protective Glove the working place.									
Eye Protection		Get rid al	l powder. In a addit	ional rinse a thro	oat and hands.				
VENTILATION		□ Local E	Exhaust	☑ Mechanical(genera	I) 🗆	Special			
TO BE USED		⊠ Other							
Other Protective Clothing Equipmen		Gloves and sa	fety glasses and fil	ter respirator are r	needed by drillin	g, sanding and sawing.			
Hygienic Work									
Practices		None							
SECTION 7.	PRECA	UTIONS FO	R SAFE HANDLII	NG AND USE/LE	AK PROCEDUR	RES_			
-									
Steps to be Taker									
is Spoiled or Re	Ieased	Swe	eepup, place in a	bag and hold for w	vaste disposal.				

% Optional
No PL-PF-0101-2/3

Waste Disposa	al	No special waste disposal method.	ste disposal method.			
Method		Follow all regulations in your country.				
Precautions t	to be taken	Wear protective gloves. Do not breathe dust.				
in Handling a	and Storage	Not particular problem with storage , however , keep in room temperature indoo	or.			
Other Precaut	ions and /or Specia	I Hazards None				
NFPA						
Rating:X	Health ——	- Flammability Reactivity Special				
HMIS						
Rating×	Health ——	- Flammability — Reactivity — Personal Protection —				
Rating:X		- Flammability — Reactivity — Personal Protection —	_			

Attention to abandonment. In order to get rid of waste hire company which handle properly. In additional, follow state/city law and rule if the waste is abolished.

SECTION 8. CONTINUATION

OTHERS;

Handling of the mentioned contact

Even though the mentioned contact in this article is written based in available data and information, the mentioned content provide only information. There is guaranty to ensure the mentioned contact. The list of attention applies for only normal handling. Thus, take proper measures in order to avoid any kind of damage and danger.

All materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

% Optional
No PL-PF-0101-3/3