

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER ----- 3335  
PRODUCT NAME ----- SUPER-LOK  
SYNONYM NAME ----- /

National Starch & Chemical (Guangdong) Co., Ltd.  
Middle Section, 5th Industrial Estate,  
Nanzha, Humen, Dongguan, Guangdong,  
P.R.C.  
Post code: 523932  
TEL: 86-769-5563700  
FAX: 86-769-5568030

2. COMPOSITION/INFORMATION OF INGREDIENTS

CHEMICAL FAMILY ----- Water, Ethylene-Vinyl Acetate  
Polymer, Polyvinyl alcohol  
Molecular Formula ----- Mixture  
None hazardous. No

3. HAZARDS IDENTIFICATION

Not considered as hazardous.

EYE ----- As with any foreign materials in the  
eye, allowing the product to remain  
in the eye may cause a mild irritation.  
SKIN CONTACT ----- Prolonged skin contact may cause mild  
irritation.  
INHALATION ----- Not normally a problem under typical  
conditions of industrial use. No  
health effects are expected.  
INGESTION ----- Not significantly toxic or corrosive.

4. FIRST-AID MEASURES

EYE ----- If any should get into the eye, rinse  
with water until all traces are washed  
away. Get medical attention  
immediately.  
SKIN CONTACT ----- If any, wash contact areas thoroughly  
with soap and water. Launder  
contaminated clothing before reuse.  
INHALATION ----- If any, remove to fresh air. Give  
artificial respiration, if  
necessary. Get medical attention.  
INGESTION ----- Induce vomiting if ingestion is of a

large amount.

#### 5. FIREFIGHTING MEASURES

AUTOIGNITION ----- Unknown.  
FLASH POINT ----- N.A.  
EXTINGUISHING MEDIA ----- Liquid material is non-flammable, dry polymer film will burn. Any extinguishing media is suitable for use on fry film fire, such as CO<sub>2</sub>; Dry chemical; Foam  
SPECIAL FIREFIGHTING PROCEDURES - No special procedures are required.  
FIRE & EXPLOSION HAZARDS ----- Not applicable.  
UPPER EXPLOSION LIMIT (%) ----- Not applicable.  
LOWER EXPLOSION LIMIT (%) ----- Not applicable.  
NFPA FLAMMABILITY HAZARD CLASS -- 0 = Insignificant

#### 6. ACCIDENTAL RELEASE MEASURES

SPILL & LEAK PROCEDURES ----- Spread absorbent materials. Shovel into closurable containers. Wash area with water.

For safety and environmental precautions, please review entire Materials Safety Data Sheet for necessary information.

#### 7. HANDLING AND STORAGE

STORAGE TEMPERATURE ----- 6 - 35C  
HANDLING/STORAGE ----- Store at room temperature area. Avoiding freezing.  
VENTILATION REQUIREMENTS ----- Local; general

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION REQUIREMENTS ----- Local; general  
EYE PROTECTION REQUIREMENTS ----- Avoid contact with eyes. Wear chemical goggles if there is likelihood of contact with eyes.  
GLOVE REQUIREMENTS ----- Use of chemical resistant gloves is recommended.  
CLOTHING REQUIREMENTS ----- Employee must wear appropriate protective clothing and equipment to prevent any possibility of skin contact with this substance.  
CHANGE/REMOVAL OF CLOTHING ----- Not required unless adhesive has been splashed on clothing and passes through fabric.  
WASH REQUIREMENTS ----- None.  
RESPIRATOR REQUIREMENTS ----- Not normally required for foreseeable conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR MIXTURE -----	Mixture
PHYSICAL FORM -----	Liquid
APPEARANCE/COLOR -----	Milk White
ODOR -----	Slight smell
ODOR THRESHOLD -----	Not available
pH -----	Approx. 7.5
BOILING POINT -----	100°C
MELTING/FREEZING POINT -----	0°C
SOLUBILITY IN WATER -----	Completely miscible
SPECIFIC GRAVITY (WATER=1) -----	Approx. 1.17
EVAPORATION RATE -----	1 (Water=1)
VOLATILES -----	Water (48 - 52%)
VOLATILE ORGANIC COMPOUNDS -----	Nil
AUTOIGNITION -----	Unknown
FLASH POINT -----	N.A.
OXIDIZING PROPERTIES -----	N/A

10. STABILITY AND REACTIVITY

STABILITY -----	Stable
NFPA REACTIVITY HAZARD CLASS ----	0 = Insignificant
HAZARDOUS DECOMPOSITION PRODUCTS -----	Carbon monoxide, carbon dioxide, Acetic acid

11. TOXICOLOGICAL INFORMATION

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE	
ROUTE OF ENTRY -----	Skin contact; Eye contact.
EFFECTS OF CHRONIC EXPOSURE -----	Generally non-toxic. Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not ingest or inhale.
TARGET ORGANS -----	Not applicable.
CARCINOGEN -----	No.
Not considered as hazardous.	

12. ECOLOGICAL INFORMATION

Not Available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS -----	Waste disposal should be in accordance with existing federal, state and local environmental regulations.
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EMPTY CONTAINER WARNINGS ----- Empty containers may contain product residue; follow MSDS and lable warnings even after they have been emptied.

14. TRANSPORTATION INFORMATION

DOT INFORMATION:

DOT SHIPPING NAME ----- ADHESIVE no. 1  
DOT HAZARD CLASS ----- Non hazardous  
DOT REPORTABLE QUANTITY ----- Not noted

IATA INFORMATION ----- N.A.

15. REGULATORY INFORMATION

No

16. OTHER INFORMATION

MSDS DATE ----- 2005/06/10  
FOR INFORMATION CONTACT ----- National Starch & Chemical  
(Guangdong) Co., Ltd.  
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\*\*\* ADDITIONAL INFORMATION \*\*\*

The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.