




Safety Data Sheet (SDS)

1. Product and Company Identification

Material name :3010B/2010B/2010B-1/800/2100A/G-5010/F-5010/3010A
 Chemical description :**Water-based Heat trans Glue (added Nylon Powder)**
 Manufacturer :SHANG HORNG INKS CO., LTD.
 Address :42 Doc Lap Boulevard, Vietnam Singapore Industrial Park, Binh Duong Province
 Phone :TEL:0274-3782855~8 FAX:0274-3782859
 e-mail :long@shanghorng.com
 Identified Use :Screen for shoe material
 Emergency telephone number :+84274-3782855~8

2. Hazards Identification

GHS classification	<u>GHS Hazard classification</u>	<u>Hazard level</u>	<u>Specific target organ toxicity</u>
	Skin irritation	3	-
GHS system labelling	: WARNING 		
Hazard statements	H334 May cause allergy and asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction		
Precautionary statements	P261 Avoid breathing dust/fume/gas/mist/vapors/sprays. P280 Wear protective clothing. P272 Contaminated work clothing should not be allowed out of the workplace. P285 In case of inadequate ventilation wear respiratory protection. P302+P352 If on skin, wash plenty of soap and water. P333+P313 If skin irritation or rash occurs, Get medical advice and attention. P363 Wash contaminated clothing before reuse. P304+P341 If inhaled, If breathing difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. P342+P311 If experience respiratory symptoms, call a doctor/physician		
Storage	P403+P233 Store in a well ventilated place keep container tightly closed		
Other hazards which do not result in classification	*Health 2 *Flammability 1 *Reactivity 0		

3. Composition / Information on Ingredients

COMPONENT	CAS-No	Composition
Polyurethane resin	67700-43-0	60%
6-amino-N-[6-oxo-6-(6-oxohexylamino)hexyl]hexanamide	63428-83-1	10%
Distilled Water	7732-18-5	5%
Polyamide	63428-84-2	25%

4. First Aid Measures

Eyes contact	Wash eyes immediately with large amounts of water, or normal saline solution until no evidence of chemical remains (at least 15~20min), get medical immediately.
Skin contact	Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do not use solvents or thinners.
Inhalation	Remove patient to fresh air and seek medical assistance. Keep patient warm and at rest. If breathing is irregular or stopped, Administer artificial respiration. Give nothing by mouth.
Ingestion	Do not induce vomiting. Keep patient warm and at rest and call a doctor immediately.
Most important symptoms and effects	No serious symptoms or effects.
Immediate medical attention and special treatment	Not applicable

5. Fire Fighting Measures

*Suitable extinguishing media	Water spray, Regular foam, Carbon dioxide, Dry chemical
*Prohibited extinguish media	N.D.
*Hazardous combustion	Carbon monoxide and carbon dioxide Do not allow run-off from fire fighting to enter drains or watercourses

6. Accidental Release Measures

*Personal precautions, Protective equipment, Emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Keep unnecessary personnel away. Keep upwind. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained.
*Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.
*Methods for containment	Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Dike the spilled material, if possible.
*Methods for cleaning up	Large Spills : Use a material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dike far ahead of spill for later disposal. Small Spills : Wipe up with absorbent material (e.g. cloth, fleece). Collect in a non-combustible container for prompt disposal. Never return spills in original containers for re-use. Clean surface thoroughly to remove residual contamination. Clean up in accordance with all applicable regulations.

7. Handling and Storage

*Handling	Protect material from direct sunlight. Wear appropriate personal protective equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling. See Section 8 of the SDS for Personal Protective Equipment.
*Storage	Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Keep container tightly closed in a cool, well-ventilated place. Comply with all local law to the storage, handling, dispensing, and disposal. Keep container tightly closed when not in use. (temp 5°C~37°C)

8. Exposure Controls / Personal Protection

Engineering controls	Good general ventilation should be used.
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Ventilation rate should be matched to conditions.

If applicable, use process enclosures, local exhaust ventilation or other engineering controls.

Personal protective equipment

Eye protection	N.D.
Skin protection	Wear protective clothing.
Respiratory protection	N.D.



9. Physical & Chemical Properties

Appearance	White viscous liquid
Odor	Alcohol-like
Odor threshold	Not available.
Physical state	Viscous liquid.
Form	Viscous liquid.
PH	7.5~9.5
Melting point	Not determined
Freezing point	Not determined
Boiling point	100°C
Flash point	N.D. (Water-soluble)
Auto ignition temperature	N.D. (Water-soluble)
Solubility	Water-soluble

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under normal temperature conditions.
Conditions to avoid	N.D.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	At thermal decomposition temperatures, carbon monoxide and carbon dioxide
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Health hazard information	
Corrosive or irritant skin	Level 3, slightly irritant
Serious eye damage or irritant	N.D.

12. Ecological Information

Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Environmental effects	Ecological injuries are not known or expected under normal use.
Persistence and degradability	Expected to be readily biodegradable.

13. Disposal Considerations

Disposal instructions	Dispose of this material and its container to hazardous or special waste collection. All wastes must be handled in accordance with local, state and federal regulations.
Contaminated packaging	Since emptied containers retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

14. Transport Information

The preparation is not classified as hazardous for Transport.

15. Regulatory Information

Industrial safety and health act	Fire Hazard	-No
	Pressure Hazard	-No
	Reactivity Hazard	-No

16. Other Information

Sources of information	The database of SDS of Council of Labor Affairs, Executive Yuan, Taiwan
Revision date	2023-01-01.(Ver 8.0) These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.