

MATERIAL SAFETY DATA SHEET

HA 100

SECTION 1. PRODUCT AND COMPANY INFORMATION	
PRODUCT NAME:	HA 100
COMPANY:	CASTECH LANKA (PVT) LTD
ADDRESS:	531/13, NEGAMBO ROAD, SEEDUWA, SRI LANKA
TELEPHONE NO:	+94 31 31 27868
EMERGENCY NO.:	+94 31 31 27868
FAX:	+94 31 31 27868
EMAIL:	info@castechchem.com
SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS	
Chemical Name:	FLASH SETTING ADMIXTURES
CAS NO.:	N.A.
EINECS NO.:	N.A.
Composition:	60 ± 1%, other is water.
Material Uses	Shorten the setting time and improve the early strength
SECTION 3. HAZARDS IDENTIFICATION	
Eye:	Low hazard for usual industrial handling.
Skin:	May cause skin irritation.
Ingestion:	May cause eye irritation.
Inhalation:	May cause respiratory tract irritation.
SECTION 4. FIRST AID MEASURES	
Eyes:	Flush eyes with water and carefully rinse under eyelids. If irritation persists, consult physician.
Skin:	Flood with water first, then wash with soap and water.
Ingestion:	Drink plenty of water followed by citrus juice. Seek medical attention if nausea or vomiting develops.
Inhalation:	No information found.
Medical conditions generally aggravated by this material: No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product.	
SECTION 5. FIRE-FIGHTING MEASURES	
Extinguishing media:	Incombustible Explosion data: N.A.
Lower flammable limit:	N.A.
Flash point:	N.A.
Auto-ignition temp:	N.A.
Higher flammable limit:	N.A.
SECTION 6. ACCIDENTAL RELEASE MEASURES	
Spill or Release:	Dilute and flush away with water (O.K. for sewer). Properly dispose of containers.
SECTION 7. HANDLING AND STORAGE	
Storage:	Keep container closed when not in use. Do not store in direct sunlight and rain. Keep the liquid temperature from 0°C to 40°C.
Handling:	In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Wash thoroughly after handling.
SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Eyes:	Safety glasses are recommended to prevent particulate matter from entering eyes while grinding or machining.

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Skin:	Protective gloves are required when handling hot polymer. Also, long sleeve cotton shirt and long pants if handling molten polymer.
Ventilation:	Local exhaust at processing equipment to assure that particulate levels are kept at recommended levels.
Respirator:	None under normal processing, if ventilation is adequate.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
◆ PHYSICAL PROPERTIES

Appearance:	Aqueous viscous liquid
PH:	2 ± 1

◆ CHEMICAL PROPERTIES

Setting time/min	initial setting	173s
	final setting	198s
Compressive strength (1d) /MPa	6.5	
Compressive strength ratio (28d) /%	72	

SECTION 10. STABILITY AND REACTIVITY

Routes Of Entry:	N.A. inhalation ×eye contact	N.A. skin absorption ×ingestion	×skin contact
Acute Toxicity:	Inhalation May cause irritation to nose, throat and mucous membranes of respiratory traces.		
Skin contact:	Not irritant		
Eye contact:	Slightly irritant		
Ingestion:	The product is moderately toxic if ingested. LD ₅₀ (orat-rat):>180mg/kg		
Chronic Toxicity:	Prolonged or repeated skin contact can cause irritation.		
Exposure Limits:	Not established.		
Routes Of Entry:	N.A. inhalation ×eye contact	N.A. skin absorption ×ingestion	×skin contact
Acute Toxicity:	Inhalation May cause irritation to nose, throat and mucous membranes of respiratory traces.		

SECTION 11. TOXICOLOGICAL INFORMATION

Routes Of Entry:	N.A. inhalation ×eye contact	N.A. skin absorption ×ingestion	×skin contact
Acute Toxicity:	Inhalation May cause irritation to nose, throat and mucous membranes of respiratory traces.		
Skin contact:	Not irritant		

SECTION 12. ECOLOGICAL INFORMATION

No special

SECTION 13. DISPOSAL CONSIDERATIONS

Spill or release:	Clean up by vacuuming or wet sweeping to minimize dust exposure.
Waste disposal:	Landfill or incineration in compliance with federal, state, and local regulations.

SECTION 14. TRANSPORT INFORMATION

Hazard class:	N.A.
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SECTION 15. REGULATORY INFORMATION

USA REGULATIONS: No ingredient of this product is subject to the reporting requirements of section 313 of Title III of the "Superfund Amendment and Reauthorization Act II(SARA) of 1986 and 40CFR part 372 of United States.

SECTION 16. ADDITIONAL INFORMATION

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The information and recommendations set forth herein are based on data we have in our possession and we have reason to believe is accurate. It is, however, the user's responsibility to determine the safety, toxicity, and suitability for his own use of the herein described product. Because the actual by others is beyond our control, CASTECH, makes no warranty expressed or implied regarding accuracy of the results to be obtained from the use thereof.