MATERIAL SAFETY DATA SHEET West System Inc.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:WEST SYSTEM® 207 Special Clear Hardener

 PRODUCT CODE:
 207

 CHEMICAL FAMILY:
 Amine.

CHEMICAL NAME: Modified polyamine. FORMULA: Not applicable.

MANUFACTURER: EMERGENCY TELEPHONE NUMBERS:

West System Inc. 102 Patterson Ave. Bay City, MI 48706, U.S.A.

Phone: 866-937-8797 or 989-684-7286

Non-transportation
Poison Hotline: 800-222-1222

www.westsystem.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Transportation

DANGER Causes burns to eyes and skin. Harmful if swallowed. Harmful if absorbed through the skin. May be harmful if inhaled. May cause allergic reaction. Clear liquid, ammonia odor.

POTENTIAL HEALTH EFFECTS:

ACUTE INHALATION:Exposure to high concentrations of vapor causes irritation to the respiratory tract. Coughing and chest pain may result.

EYE CONTACT:Causes severe irritation, pain and possible permanent injury. Vapor absorption into the eve can cause blurred vision and injury.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Chronic respiratory disease (e.g., bronchitis, asthma). Skin conditions and allergies. Eye disorders.

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS#	CONCENTRATION (%)
Polymer of epichlorohydrin, bisphenol-A, and trimethylhexamethylenediamine	111850-23-8	10-30
Polyoxypropylenediamine	9046-10-0	10-30
Isophoronediamine	2855-13-2	10-30
Trimethylhexamethylenediamine	25513-64-8	10-30
Hydroxybenzene	108-95-2	1-15

4. FIRST AID MEASURES

FIRST AID FOR EYES: Immediately flush with water for at least 15 minutes. Get prompt medical attention.

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	FIRST AID FOR SKIN:
	FIRST AID FOR INHALATION:
	FIRST AID FOR INGESTION:
5.	FIRE FIGHTING MEASURES:
	FLASH POINT: > 200°F (PMCC)
	EXTINGUISHING MEDIA: Dry chemical, alcohol foam. carbon dioxide (CO ₂), dry sand, limestone powder.
	FIRE AND EXPLOSION HAZARDS:
	SPECIAL FIRE FIGHTING PROCEDURES:
6.	ACCIDENTAL RELEASE MEASURES:
	SPILL OR LEAK PROCEDURES: Stop leak without additional risk. Wear proper personal protective equipment. Dike and contain spill. Ventilate area. Large spill - dike and pump into appropriate container for recovery. Small spill - recover or use inert, non-combustible absorbent material (e.g., sand, clay) and shovel into suitable container. Do not use sawdust, wood chips or other cellulosic materials to absorb the spill, as the possibility for spontaneous combustion exists. Wash spill residue with warm, soapy water if necessary.
7.	HANDLING AND STORAGE:
	STORAGE TEMPERATURE (min./max.): 40°F (4°C) / 90°F (32°C)
	STORAGE:
	HANDLING PRECAUTIONS:
8.	EXPOSURE CONTROLS/PERSONAL PROTECTION:
	EYE PROTECTION GUIDELINES: Chemical splash goggles or full-face shield.
	SKIN PROTECTION GUIDELINES:
	RESPIRATORY/VENTILATION GUIDELINES:
	ADDITIONAL PROTECTIVE MEASURES:
	OCCUPATIONAL EXPOSURE LIMITS:
9.	PHYSICAL AND CHEMICAL PROPERTIES:
	PHYSICAL FORMLiquid.
	COLORClear.
	ODOR
	BOILING POINT > 480°F. MELTING POINT/FREEZE POINT No data.
	pHAlkaline
	SOLUBILITY IN WATER
	SPECIFIC GRAVITY 0.98.
	BULK DENSITY

10. STABILITY AND REACTIVITY

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong oxidizers, acids.

11. TOXICOLOGICAL INFORMATION

No specific oral, inhalation or dermal toxicology data is known for this product.

Adsorption of phenolic solutions through the skin may be very rapid and can cause death. Lesser exposures can cause damage to the kidney, liver, pancreas and spleen; and cause edema of the lungs. Chronic exposures can cause death from liver and kidney damage.

CARCINOGENICITY:

 NTP
 No.

 IARC
 No.

 OSHA
 No.

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA, NTP or IARC.

12. ECOLOGICAL INFORMATION:

In its original, non-cured, liquid state, this product may present long term hazards if released to the evironment. Do not allow into sewers, on the ground or in any body of water.

13. DISPOSAL CONSIDERATIONS

Incinerate, recycle (fuel blending) or reclaim may be preferred methods when conducted in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

DOT Non-Bulk

SHIPPING NAME: Polyamines, liquid, corrosive, n.o.s.
TECHNICAL SHIPPING NAME: Polyoxypropylenediamine
HAZARD CLASS: Class 8

 U.N./N.A. NUMBER:
 UN 2735

 PACKING GROUP:
 PG II

 MARINE POLLUTANT:
 No

ICAO/IATA

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IM	DG
~:	

SHIPPING NAME:	
TECHNICAL SHIPPING NAME:	Polyoxypropylenediamine
HAZARD CLASS:	
U.N. NUMBER:	UN 2735
PACKING GROUP:	PG II
EmS:	F-A. S-B
MARINE POLLUTANT	No

15. REGULATORY INFORMATION

OSHA STATUS:TSCA STATUS:TSCA requirements.	Corrosive; possible liver or kidney toxin All components are listed on TSCA inventory or otherwise comply with
	D2A – Very toxic material causing other toxic effects; E – Corrosive All components are listed or are otherwise compliant with CEPA
	This product contains hydroxybenzene (phenol) and is subject to the fund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

STATE REGULATORY INFORMATION:

The following chemicals are specifically listed or otherwise regulated by individual states. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME /CAS NUMBER Hydroxybenzene 108-95-2

STATE CODE

NJ, RI, PA, MA, IL

16. OTHER INFORMATION:

REASON FOR ISSUE:	Changes made to sections 2, 3, 14 & 15. This MSDS pertains 207
	batches with lot number 229034 and more recent.
PREPARED BY:	G. M. House
APPROVED BY:	G. M. House
TITLE:	Health, Safety & Environmental Manager
APPROVAL DATE:	
SUPERSEDES DATE:	February 10, 2011
MSDS NUMBER:	207-13a

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