MATERIAL SAFETY DATA SHEET West System Inc.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: 655
CHEMICAL FAMILY: Amine.

CHEMICAL NAME: Modified polyamine. FORMULA: Not applicable.

MANUFACTURER:

EMERGENCY TELEPHONE NUMBERS:

Transportation

Non-transportation

Poison Hotline: 800-222-1222

West System Inc.

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

Phone: 866-937-8797 or 989-684-7286 www.westsystem.com

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS Hazard Rating: Health - 2 Flammability - 1 Physical Hazards - 0

WARNING! Irritant. Eye irritant. Skin irritant. Respiratory irritant when heated. Can cause allergic reaction. Caramel colored gel with ammonia

POTENTIAL HEALTH EFFECTS:

ACUTE INHALATION:Exposure to high concentrations of vapor from heated product can cause irritation to the respiratory tract or lightheadedness.

ACUTE SKIN CONTACT: Moderate irritant to skin tissue. Can cause allergic reaction and possible sensitization.

CHRONIC SKIN CONTACT: May cause persistent irritation, dermatitis and sensitization.

EYE CONTACT: Moderate to severe irritant to eye tissues. Vapors may cause blurred vision when absorbed into eye tissue.

INGESTION:May cause irritation of the mouth and throat. May pose an aspiration hazard. No additional effects due to ingestion are known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Existing skin and respiratory conditions (skin allergies such as to poison ivy, poison oak; dermatitis, asthma, bronchitis).

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS#	CONCENTRATION
Amine terminated copolymer	68683-29-4	< 50%
Phenalkamine	868765-93-9	< 25%
2-hydroxyethyl ethers	232268-65-4	< 15%
Tris-2,4,6-(dimethylaminomethyl)phenol reaction products with		
triethylenetetramine		< 10%
Triethylenetetramine (TETA)	112-24-3	< 10%
Tris-2,4,6-(dimethylaminomethyl)phenol	90-72-2	< 5%
Aminoethylpiperazine	140-31-8	< 3%
1.3-benzenedimethanamine	1477-55-0	< 3%

(This product contains various filler powders in concentrations >1% that are regulated only as nuisance dusts. In this product they do not present a health hazard and consequently are not identified in this section.)

MSDS# 655B-11b Last Revised: 05AUG11

4.	FIRST AID MEASURES		
	FIRST AID FOR EYES:		
	FIRST AID FOR SKIN:		
	FIRST AID FOR INHALATION:		
	FIRST AID FOR INGESTION:		
5.	FIRE FIGHTING MEASURES		
	FLASH POINT: > 300°F.		
	EXTINGUISHING MEDIA:		
	FIRE AND EXPLOSION HAZARDS:		
	SPECIAL FIRE FIGHTING PROCEDURES:		
6.	ACCIDENTAL RELEASE MEASURES		
	SPILL OR LEAK PROCEDURES:		
7.	HANDLING AND STORAGE		
	STORAGE TEMPERATURE (min./max.):		
	CTORACE. Minimum faccible bondling temporatures about the maintained. If stored		
	STORAGE: Minimum feasible handling temperatures should be maintained. If stored above 100°F, nitrogen atmosphere is recommended. Keep containers tightly closed.		
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8.	ANDLING PRECAUTIONS:		

ODOR Slight amine.
BOILING POINT > 480°F.
MELTING POINT/FREEZE POINT No data.

BULK DENSITY 8.31 pounds/gallon.

VAPOR PRESSURE <1 mmHg @ 20°C.

VAPOR DENSITY Heavier than air.

10. STABILITY AND REACTIVITY

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong oxidants, acids and reducing agents.

11. TOXICOLOGICAL INFORMATION

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

Wastes from this product may present long term environmental hazards. 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

D.O.T. SHIPPING NAME:	Not regulated.
TECHNICAL SHIPPING NAME:	
D.O.T. HAZARD CLASS:	
U.N./N.A. NUMBER:	
PACKING GROUP:	

IATA

SHIPPING NAME:	Not regulated.
TECHNICAL SHIPPING NAME:	
HAZARD CLASS:	
U.N./N.A. NUMBER:	
PACKING GROUP:	

15. REGULATORY INFORMATION

TSCA regulations.

Canada WHIMIS Classification: D2B

SARA TITLE III:

SECTION 313 TOXIC CHEMICALS:None.

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 CONCENTRATION STATE CODE

Tetraethylenetriamine

112-24-3 <10% MA, NJ, PA

16. OTHER INFORMATION

 PREPARED BY:
 Glenn House

 APPROVED BY:
 Glenn House

 TITLE:
 E,H&S Manager

 APPROVAL DATE:
 February 10, 2011

 SUPERSEDES DATE:
 February 10, 2011

 MSDS NUMBER:
 655B-11b

Note: The Hazardous Material Indexing System (HMIS), cited in the Emergency Overview of Section 3, uses the following index to assess hazard rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; and 4 = Severe.

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