<u>Material Safety Data Sheet</u> For chemicals, coatings, and related materials In compliance with OSHA 29 CFR 1910.1200

Date Prepared: 03-02-10

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	Section I – Product	
NAME: Polycast 205 – Part B	HMIS HAZA	ARD CODES
CLASS: Hardener	Health: 3	(Serious)
	Flammability: 1	(Slight)
	Reactivity: 0	(Minimal)
	Personal Protective Equipment: H	

	Section II - Ha	zardous Ingredients	5	
Ingredient	Percent	C.A.S. Registry	LEL	Vapor Pressure
Material Description	by Weight			mm Hg @ 20°C
Modified Amine Complex	100%	Trade Secret*	n/a	n/a

Section III - Physical Data	
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Boiling Range: n/a		Freezing Point: n/a
Vapor Pressure: n/a mm@20°C		Vapor Density: heavier than air
Specific Gravity: 0.96		$H_20$ Solubility: Negligible (< 0.1%)
Evaporation Rate: Slower		% Volatile by Volume: n/a
(relative to n-butyl acetate)		-
Appearance and Odor: Liquid, Slig	ght Odor.	

	Section IV - F	ire and Ex	plosion Hazar	d Data
Flash point: >200°F	Explosive Limit	s: Ll	EL	UEL (%V in air)
(Method used) Pensky-	Martens	n,	/a	n/a
Flammability Classifica	ition			
OSHA: Combu	stible Liquid - C	lass III B		
DOT: Not reg	gulated			
Extinguishing Media:				
Foam, Carbon	Dioxide (CO <sub>2</sub> ), D	ry Chemica	al, Sand	
Special Fire Fighting Pr	ocedures:			
Wear protectiv	e clothing.	Fight fire	from a safe dis	stance.
Close all valves	s to the area.	Shut off al	ll power to the	e area.
Emergency ligh	nts must be turne	d on.		
Self-contained	breathing appara	tus is to be	e used.	
Unusual Fire and Explo	osion Hazards:	None		

	Section V	<ul> <li>– Toxicological</li> </ul>	<u>Information</u>	
Ingredient	OSHA	ACGIH	LD50 (mg/kg)	LC50 (ppm)
Material Ingredient	PEL	TLV (twa)	(rat) (rbt)	(rat)
		Mg/m3 ppm	oral dermal	inhal
Amine hardener	n/a	n/a n/a	>3000 >5000	n/a

#### Section VI - Health Hazard Data

Threshold Limit Values:

See Section V.

Contact irritating to eyes. Emergency and First Aid Procedures:

Effects of Overexposure:

Move to fresh air. Apply artificial respiration, if necessary.

Wash skin with soap and water or waterless hand cleaners.

Remove contaminated clothing.

Induce vomiting.

Drink large quantities of water immediately.

Flush Eyes with water for 15 minutes, and get medical attention.

If breathing is difficult, oxygen may be given.

### Section VIII - Reactivity Data

Stability: Stable
Stability Conditions to Avoid: None.
Incompatability (Materials to Avoid Contact With): None.
Hazardous Decomposition Products: Oxides of carbon and aldehydes.
Hazardous Polymerization: Will not occur.
Polymerization Conditions to Avoid: None.

## Section VIII - Spill or Leak Procedures

Steps For Material Spillage:

Absorb with sand and dispose of in an approved manner.

Dike area with sand to contain spilled liquid.

Prevent spillage from entering underground water systems.

Ventilate area. Flush area with water but do NOT flush into sewer.

Remaining material may be emulsified with soap and water and absorbed.

Scoop up contaminated soil and place in dry drums.

Large spilles may be pumped into closed, but not sealed containers.

Waste disposal methods:

Dispose of in accordance with local regulations.

## Section IX - Special Protection Information

Respiratory protection:

NESA/NIOSH approved respirator is highly recommended. \*\*Always work in areas with adequate ventilation to allow dissipation of vapors.

# Ventilation:

Provide adequate cross air circulation.

Protective Gloves:

Gloves resistant to chemical penetration

Eye Protection:

Splash-proof safety, Chemical Worker and Chemical Splash goggles.

Other Protective Equipment:

Eyewash Station, Emergency Shower, and use of barrier cream recommended. Chemical Apron, Rubber Foot Covering, Clean Long Sleeve and Leg Clothing.

# Section X – Special Precations

Handling and Storage Precautions:	-
Store in a cool dry place.	Keep away from open flames.
Store in tightly closed containers	Store away from food and beverages.
Wash thoroughly after handling.	
Wash before eating, drinking, smokin	g, or using toilet.
Other Precautions:	
Check all containers for leaks.	
Avoid prolonged breathing or contact	t with skin.
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Proprietary Ingredient - may be made available as provided in 29 CFR 1910.1200 (I).

AUTHORIZED SIGNATURE: R.A Rana Chemist
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