

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Material/Trade Name	PioneerPRO Greatfloor 100 (A & B)
Material Type	2 Component Epoxy – Polyamine Base
Company	Republic Chemical Industries, Inc.
Address	731 Aurora Boulevard, Quezon City, 1112 Philippines
Telephone	+63 2 721 5781 to 86
Fax	+63 2 727 5095
Website	www.repchem.com

2. COMPOSITION/INFORMATION INGREDIENTS

Chemical Identity	%
Liquid epoxy resin	60 – 70
Polyamine amine	30 – 35
Pigments	5 – 15

3. HAZARDS IDENTIFICATION

Inhalation:	May be harmful if inhaled in large amounts or for prolonged periods. Can cause irritation of respiratory tract. Overexposure to fumes or vapor may cause delayed lung damage and chemical pneumonia.
Skin Contact:	May cause skin rashes due to sensitization
Eye contact:	May cause irritation.
Ingestion:	Considered moderately toxic if swallowed or absorbed through the skin.

4. FIRST AID MEASURES

Inhalation:	Move to fresh air and if there are adverse reactions, call a physician.
Eye Contact:	Flush thoroughly with a continuous stream of low-pressure water. Medical attention should be obtained promptly.
Skin Contact:	Materials should be promptly wiped from the skin with clean cloth or paper towels. The affected area should be washed thoroughly with soap and plenty of water. Washing paint off the skin with solvents is not recommended because solvents may facilitate absorption through the skin.



MATERIAL SAFETY DATA SHEET

Any contaminated clothing, including shoes, should be removed and not reused until the articles are free entirely of the material.

Ingestion: Do not induce vomiting, immediately obtained medical attention.

5. FIRE FIGHTING MEASURES

Flammability: Part A: 200 °C
Part B: 140 °C

6. ACCIDENTAL RELEASE MEASURES

Action to take for spills/ leaks: Soak up in absorbent material such as sand and collect in suitable container. Flush area with plenty of water. Wear adequate personal protective clothing and equipment. Keep out of irrigation ditches, sewers and water supplies.

Disposal Method: Do not dump into any sewers, on the ground or into any body of water. Dispose in an approved chemical waste landfill. Disposable method must be in compliance with all State/Provincial and local laws and regulations.

7. HANDLING AND STORAGE

Handling: Avoid use of electric band heaters. Application of direct flame to a container of this material can also cause explosion and/or fire.

Storage: Ensure adequate ventilation in storage area. Keep container closed when not in use. Do not store this material near flame, heat or strong oxidants.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection Safety goggles/glasses suitable for use with chemicals

Respiratory Protection Always use appropriate Filter Mask/respirator (NIOSH/MSHA Approved)

Skin Protection Nitrile/polyethylene gloves, coveralls, avoids cotton products.

Ventilation Good general or local exhaust ventilation are required and design should not place workers between the source of vapor and the exhaust dust, causing exposure of the workers to the vapors from the paint.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Component A	-	standard colors
	Component B	-	clear, light yellowish liquid
Odor:	Component A	-	mild odor
	Component B	-	amine odor
% solids:	Mixed (A & B)	-	100 % by weight
		-	99 ± 1% by volume
Ratio		-	2 parts to 1 part by volume
Kilos per liter		-	1.2 – 1.25
Flash Point		-	Part A - 178°C
			Part B - 100°C

Film Properties

Adhesion	-	100 %
Finish	-	Gloss
Potlife	-	½ - 1 hour
Dry time @ ambient		
Set-to-touch	-	1-2 hours
Dry-through	-	24 hours
Full Cure	-	7 days

10. STABILITY AND REACTIVITY

Stable under recommended storage condition.

When epoxy resins burn, they release toxic by-product. For this reason, the breathing of fumes, smoke and gas given off during burning must be avoided.

Epoxy reactions are exothermic, care should be taken to control excessive exotherms which can result in overheating of the product and possible thermal decomposition.

11. TOXICOLOGICAL INFORMATION

Epoxy resins are not carcinogenic.

12. ECOLOGICAL CONSIDERATION

This material is expected to be slightly toxic to aquatic life.

Component A – Bio concentration potential is moderate. Potential for mobility in soil is low.

Moderately toxic to aquatic organisms on an acute basis.

Component B – not determined

13. DISPOSAL CONSIDERATIONS

Do not dump into any sewers, on the ground or into any body of water.

Dispose in an approved chemical waste landfill.

Disposable method must be in compliance with all State/Provincial and local laws and regulations.

14. TRANSPORT INFORMATION

DOT Not Available

IMDG Not Available

IATA Consider as non DG

TDG Not Available

Non-narcotic, non-toxic does not contain solvents that may cause transport hazards.

15. REGULATORY INFORMATION

As of the date of this MSDS, all of the components in this product are listed (or otherwise exempt from listing) on the TSCA Inventory.

16. OTHER INFORMATION

None