

MATERIAL SAFETY DATA SHEET

SECTION 1

Manufacturers Name: Plexinate USA Ltd
Street Address: 2423 Pigeon Point Rd.
City, State & Postcode: Beaufort SC 29902
Telephone Number: (843)592-0024
Chemical Name: Polyurethane Resin
Trade Name: Plexinate P200

SECTION 2: HAZARDOUS CLASSIFICATION

U.N. No:	Not Applicable	Dangerous Goods Class:	N/A
Hazchem:	N/A	CAS NO.	Mixture
Packaging GP:	N/A		

SECTION 3: PHYSICAL DATA

Boiling Point (0C): Greater than 200oC
Vapour Pressure (MM Hg): N/A
Solubility In Water (g/L): Insoluble
Appearance & Odour: Water white, faint acrylic odour
Specific Gravity (H20=1): 1.1
Flash Point: Greater than 100oC
Viscosity: Greater than 10,000 cPs

Component:
Polyurethane Polymer

SECTION 4: FIRE AND EXPLOSION – HAZARD DATA

Extinguishing Media: Water fog, Carbon dioxide, dry chemical, foam
Special Fire Fighting Procedures: Keep people away. Isolate fire area and deny unnecessary entry. Wear positive pressure self-contained breathing apparatus.
Unusual Fire & Explosion Hazard: Dense smoke is produced when product burns. Under fire conditions, the polymer may

decompose and the smoke may contain polymer fragments including but not limited to carbon dioxide, carbon monoxide.

SECTION 5: HEALTH HAZARD DATA

Situation

Swallowed: May cause Nausea.

First Aid

Do not induce vomiting. Obtain medical attention without delay

Skin Contact: Irritant

Remove contaminated clothing. Wash skin thoroughly with soap and water.

Inhalation:

Remove to fresh air. If discomfort persists seek medical advice. Signs of excessive exposure may be anesthetic or narcotic effects.

Eye Contact:

Irrigate with copious quantities of water. Seek medical advice.

SECTION 6: REACTIVITY DATA

Avoid storage in direct sunlight and temperatures above 45oC.

Avoid contact with oxidising materials and metal salts.

SECTION 7: SPILL OR LEAK PROCEDURES

Spills and Disposal.

Do not breathe vapours. Do not allow entry into sewers or any body of water. Protect the environment. Collect all spilled material and dispose of in accordance with local laws.

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection:

When respiratory protection is required, use an approved air purifying or positive pressure respirator.

Ventilation:

General ventilation is usually adequate. Where product is used in an enclosed area, local extraction is recommended.

Protective Gloves:

PVC or rubber gloves recommended.

Protection:

Splash proof goggles recommended

Company Environmental Contact: Tim Scott

Phone: 011(649)444-4558

Issued by: Tim Scott

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