



MATERIAL SAFETY DATA SHEET

Date Issued: 5/8/2013
MSDS: PolyArmor 48-415,
Part B

1. Product and Company Identification:

Visuron Technologies, Inc.
900 McFarland 400 Boulevard
Alpharetta, GA 30004
770-815-4548

PRODUCT DESCRIPTION: Amine Mixture
PRODUCT CODE: PolyArmor 48-415, Part-B
GENERIC NAME: Amine Mixture
24 Hour emergency response CHEMTREC 800-424-9300

2. Hazards Identification:

Proprietary blend of amines

May cause eye irritation

3. Composition Information on Hazardous Ingredients :

<u>Weight Percent</u>	<u>Component</u>	<u>CAS Number</u>
65 - 75	Polyether amine	9046-10-0
20 - 30	Aromatic amine	68479-98-1
2 - 4	Aromatic amine	5385-60-9

4. First Aid Measures:

Eye contact: Hold eye lids apart and flush eyes with copious amounts of flowing for at least 20 minutes. Get medical attention immediately.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with mild soap and plenty of water for at least 15 minutes. Wash clothing before re-use. Get medical attention if irritation occurs.

Inhalation: Remove person to fresh air. Keep person quiet and warm. Apply artificial respiration if needed and get medical attention immediately.

Ingestion: If swallowed, wash mouth thoroughly with plenty of water. Get medical attention immediately. Never give an unconscious person anything to drink.

Physician note: Treat symptomatically. No specific antidote.

5. Fire Fighting Measures:

Flammability summary: Not flammable or combustible.

Extinguishing media: Use foam, carbon dioxide, dry chemical or water spray when fighting fires.

Firefighting instructions: Use normal firefighting equipment and personal protective equipment to include a NIOSH approved self-contained breathing apparatus.

6. Accidental Release Measures:

Personal protection for Emergency situations: Use personal protective equipment and a NIOSH approved self-contained breathing apparatus

Spill mitigation

Air release Vapors may be suppressed by water fog. Contain all liquids for Treatment or disposal

Water release Notify all downstream users of possible contamination. Divert water flow around spill if possible.

Land release Make a dike or trench to contain materials. Absorb spill with Inert material (e.g., sand, clay, earth or commercial absorbent). Then place in a chemical waste container. Decontaminate all Clothing and the spill using a detergent. Contain all liquids for Treatment or disposal.

7. Handling and Storage:

Handling and Storage Precautions: STORE IN WELL VENTILATED, COOL, DRY AREA. PURGE WITH NITROGEN AND CLOSE CONTAINER WHEN NOT IN USE.

Other Precautions: NONE SPECIFIED

8. Exposure Controls and Personal Protection:

Respiratory Protection: NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR WHEN EXPOSED TO VAPOR FROM HEATED MATERIAL.

Ventilation: LOCAL EXHAUST VENTILATION: AT SOURCE OF VAPOR.
Protective Gloves: NITRILE OR NEOPRENE RUBBER.

Eye Protection: CHEM WORK GOGG/FULL LENGTH FACESHIELD

Other Protective Equipment: IF SKIN CONTACT OR CONTAMINATION OF CLOTHING IS LIKELY, PROTECTIVE CLOTHING SHOULD BE WORN.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health
GOOD WASTE MANAGEMENT PRACTICE AND IN COMPLIANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

9. Physical and Chemical Properties:

Physical state: Liquid

Physical/Chemical Properties

Boiling Pt:B.P. N/A

Vapor Pressure: No data available

Appearance: Liquid

10. Stability and Reactivity:

Stability and reactivity Stable under normal conditions. Material will not undergo hazardous polymerization.

Conditions to avoid Sparks, open flame and other ignition sources, uncontrolled exposure to isocyanates

Hazardous decomposition products Carbon monoxide

Decomposition temperature No data

11. Toxicological Information:

Not determined on this product.

12. Ecological Information:

Not determined on this product.

13. Disposal Considerations:

Observe all federal, state and local environmental regulations when disposing this material.

14. Transportation Information:

Not a hazardous material.

15. Regulatory Information:

No regulatory information is available for BC485, Part B.

16. Other Information:

DISCLAIMER: The information contained herein is accurate to the best of our knowledge, but no liability whatsoever is assumed. Final determination of the suitability of a material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

The product formulation information contained herein is only for occupational safety and health related usage. Any misuse of this information, including divulgence to third parties or use to gain a competitive advantage is strictly prohibited.