

Product Information

SAFETY DATA.

PRODUCT : DOW CHIPLOC* ES SHIELDING BAGS.

*TRADEMARK OF THE DOW CHEMICAL COMPANY.

NOVEMBER '89.

M A T E R I A L S A F E T Y D A T A S H E E T

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 11038

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Product Name: CHIPLOC (R) ES 12X16 ELECTROSTATIC SHIELDING AND DISSIPATI
PACKAGING

Effective Date: 03/20/88

Date Printed: 11/07/89

MSD: 002602

1. INGREDIENTS: (% w/w, unless otherwise noted)

Polyester/aluminum/polyethylene laminate
Proprietary ingredients
Antistat concentrate

This document is prepared pursuant to the OSHA Hazard
Communication Standard (29 CFR 1910.1200). In addition, other
substances not 'Hazardous' per this OSHA Standard may be listed.
Where proprietary ingredient shows, the identity may be made
available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: Not applicable.
VAP. PRESS: Not applicable.
VAP. DENSITY: Not applicable.
SOL. IN WATER: Not soluble.
SP. GRAVITY: Not applicable.
APPEARANCE: Zippered bags.
ODOR: None.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: Not applicable.
METHOD USED:FLAMMABLE LIMITS
LFL: Not applicable.
UFL: Not applicable.

EXTINGUISHING MEDIA: Water fog, foam, CO2, dry chemical.

FIRE AND EXPLOSION HAZARDS: Dense smoke emitted when burned
without sufficient oxygen.FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained
breathing apparatus.

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M A T E R I A L S A F E T Y D A T A S H E E T

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4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Temperatures over 572F (300C)
will release combustible gases.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustible gases when exposed
to temperatures over 572F (300C).

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS: Sweep up and discard.

DISPOSAL METHOD: Bury in landfill or burn in an approved
incinerator in accordance with all local, state, and federal
requirements.

6. HEALTH HAZARD DATA:

EYE: Mechanical injury only.

SKIN CONTACT: Essentially nonirritating to skin.

SKIN ABSORPTION: Skin absorption is unlikely due to physical
properties.

INGESTION: Ingestion is unlikely due to physical state.

INHALATION: Vapors are unlikely due to physical properties.

SYSTEMIC & OTHER EFFECTS: Repeated exposures are not anticipated
to cause any significant adverse effects.

7. FIRST AID:

EYES: Mechanical injury only.

SKIN: No adverse effects anticipated by this route of exposure.

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7. FIRST AID: (CONTINUED)

INGESTION: No adverse effects anticipated by this route of
exposure.INHALATION: No adverse effects anticipated by this route of
exposure.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): Not applicable.

VENTILATION: No precautions necessary due to the physical
properties of the material.RESPIRATORY PROTECTION: No respiratory protection should be
needed.SKIN PROTECTION: No precautions necessary due to the physical
properties of the material.EYE PROTECTION: No precautions necessary due to the physical
properties of the material.

9. ADDITIONAL INFORMATION:

REGULATORY REQUIREMENTS:

SARA HAZARD CATEGORY: This product has been reviewed
according to the EPA 'Hazard Categories' promulgated under
Sections 311 and 312 of the Superfund Amendment and
Reauthorization Act of 1986 (SARA Title III) and is
considered, under applicable definitions, to meet the
following categories:

Not to have met any hazard category

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Not
recommended for food contact or storage. Product may lose
properties if placed in water. Do not store in an area where

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PACKAGING

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Date Printed: 11/07/89

MSD: 002602

9. ADDITIONAL INFORMATION: (CONTINUED)

water exposure may occur.

MSDS STATUS: Revised Section 9.

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Product Information

SAFETY DATA.

PRODUCT : DOW CHIPLOC* DP DISSIPATIVE BAGS

*TRADEMARK OF THE DOW CHEMICAL COMPANY.

NOVEMBER '89.

Vermason Limited
Birds Hill Letchworth
Hertfordshire SG6 1HX England
Telephone 0462 672005
Telex 825069 VMASON G
Facsimile 0462 670440

Vermason

M A T E R I A L S A F E T Y D A T A S H E E T

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 11937

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Product Name: CHIPLOC (R) DP 16X19 ELECTROSTATIC DISSIPATIVE PACKAGING

Effective Date: 03/20/88

Date Printed: 11/07/89

MSD: 002991

1. INGREDIENTS: (% w/w, unless otherwise noted)

Proprietary ingredients

Polyethylene

CAS# 009002-88-4

Antistat concentrate

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: Not applicable.

VAP. PRESS: Not applicable.

VAP. DENSITY: Not applicable.

SOL. IN WATER: Not soluble.

SP. GRAVITY: Not applicable.

APPEARANCE: Zippered bags.

ODOR: None.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: Not applicable.

METHOD USED:

FLAMMABLE LIMITS

LFL: Not applicable.

UFL: Not applicable.

EXTINGUISHING MEDIA: Water fog, foam, CO2, dry chemical.

FIRE AND EXPLOSION HAZARDS: Dense smoke emitted when burned without sufficient oxygen.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Temperatures over 572F (300C)

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Product Name: CHIPLOC (R) DP 16X19 ELECTROSTATIC DISSIPATIVE PACKAGING

Effective Date: 03/20/88 Date Printed: 11/07/89

MSD: 002991

4. REACTIVITY DATA: (CONTINUED)

will release combustible gases.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustible gases when exposed to temperatures over 572F (300C).

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS: Sweep up and discard.

DISPOSAL METHOD: Bury in landfill or burn in an approved incinerator in accordance with all local, state, and federal requirements.

6. HEALTH HAZARD DATA:

EYE: Mechanical injury only.

SKIN CONTACT: Essentially nonirritating to skin.

SKIN ABSORPTION: Skin absorption is unlikely due to physical properties.

INGESTION: Ingestion is unlikely due to physical state.

INHALATION: Vapors are unlikely due to physical properties.

SYSTEMIC & OTHER EFFECTS: Repeated exposures are not anticipated to cause any significant adverse effects.

7. FIRST AID:

EYES: Mechanical injury only.

SKIN: No adverse effects anticipated by this route of exposure.

INGESTION: No adverse effects anticipated by this route of

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7. FIRST AID: (CONTINUED)

exposure.

INHALATION: No adverse effects anticipated by this route of exposure.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): Not applicable.

VENTILATION: No precautions necessary due to the physical properties of the material.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

SKIN PROTECTION: No precautions necessary due to the physical properties of the material.

EYE PROTECTION: No precautions necessary due to the physical properties of the material.

9. ADDITIONAL INFORMATION:

REGULATORY REQUIREMENTS:

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Not recommended for food contact or storage. Product may lose properties if placed in water. Do not store in an area where water exposure may occur.

MSDS STATUS: Revised Section 9.

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