



**CS180 MATERIAL SAFETY DATA SHEET**

**1.PRODUCT IDENTIFICATION AND USE:**

Product Identification: CS110 Product

Use/Description: Synthetic Roofing Underlayment

Composition:

Chemical Ingredient	Conc. (%)
Polypropylene	70-90
Polyethylene	0-10
Polyethylene based color Master batch	1

OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for Material Safety Data Sheets do not apply to this product. This product is excluded as an article. Information on potential hazards associated with product fabrication and/or installation are discussed in this datasheet.

**2.HAZARDOUS IDENTIFICATION**

This product has no known adverse effect on human health. Additives in this product do not present a respiration hazard / Contact Hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. No hazardous ingredients by OSHA and WHMIS criteria.

**3.PHYSICAL DATA**

- a. Physical State: Solid.
- b. Odor and Appearance: non-woven/film/drop/coating: odorless/solid
- c. Odor threshold (ppm): N/A
- d. Vapor Pressure (mmHg): N/A
- e. Vapor Density (Air = 1): N/A
- f. Evaporation rate: N/A
- g. Boiling Point (oC): N/A
- h. Freezing Point (oC): N/A
- i. PH: N/A
- j. Specific Gravity: N/A
- k. Coef. Water/oil Dist. N/A

**4.FIRE AND EXPLOSION DATA**

- a. Flammability: Not flammable, but in case of a fire it will contribute.
- b. Means of extinction: Water spray and dry chemicals.
- c. Flash point (OC) and Method: N/A
- d. Upper flammable limit (% by volume): N/A
- e. Lower flammable limit (% by volume): N/A
- f. Hazardous combustion products: Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides
- g. Explosion Data: Not sensitive to impact nor to static discharge.

**5.REACTIVITY DATA**

- a. Chemical stability: Yes.
- b. Incompatibility with other substances: None
- c. Reactivity: Non-reactive
- d. Hazardous decomposition products: No data.

**6.PREVENTIVE MEASURES**

- a. Route of entry: Skin contact, eye contact.
- b. Effects of acute exposure to product: None known.
- c. Effects of chronic exposure to product: None known.
- d. Exposure Limits: Not available.
- e. Irritancy of product: N/A
- f. Carcinogenicity: Not on IARC list.
- g. Synergistic Products: None known

**7.PREVENTIVE MEASURES**

- a. Gloves: Recommended.
- b. No respirator required under normal use.
- c. Leak and spill procedure: N/A
- d. Waste disposal: See your local authorities for disposal instructions.
- e. Handling and Storage: Rolls should be adequately restrained to prevent shifting during handling and storage.
- f. Storage Requirements: Dry storage
- g. Special shipping information: None.

**8.FIRST AID MEASURES**

No hazards which require special first aid measures

**9.OTHER INFORMATION**

a. DOT Shipping Name: Not Available

b. DOT Hazard Class: Not Available

**10.DISCLAIMER**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.