

# SAFETY DATA SHEET



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## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**MATERIAL NAME:** ..... Duramet  
**PRODUCT DESCRIPTION:** ..... Polyolefin Coated Woven  
**CHEMICAL FAMILY:** ..... Mixture  
**PRODUCT USE:** ..... Metals Packaging  
**TRADE NAME (S):** ..... Duramet (Cobra, Standard, Extra, Select, Prestige, Ultra, Ultra Heavy, )  
**MANUFACTURER:** ..... InterWrap  
1818-1177 West Hastings St  
Vancouver, BC V6E 2K3  
Canada  
<http://www.interwrap.com/>  
**TECHNICAL CONTACT**..... 1 604 820 5400 (8:00AM-5:00PM – US Pacific Time) Monday-Friday  
**EMERGENCY CONTACT** ..... 800 262 8200 chemtrec@chemtrec.com (8am-7pm US Eastern Time Zone, Us and Canada)

## SECTION 2 – HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

**Overview** ..... All components of this product are encapsulated within a Polyolefin matrix. When handled as intended and used under normal conditions, the product listed is not expected to pose a physical hazard or health risk to humans. This product does not contain any form of asbestos materials.

**Prevention**..... Avoid breathing dust, fumes, gas, mist, vapors, and/or spray.

**Storage/Disposal**..... Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Route of Exposure** ..... Skin, Eye, Ingestion

### POTENTIAL HEALTH EFFECTS:

**Inhalation** ..... Not expected under normal conditions of use.

**Skin**..... Not expected under normal conditions of use. Repeated contact may cause skin irritation due to roughness of product.

**Ingestion** ..... Not intended to be ingested (eaten). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

**Eyes** ..... Not expected under normal conditions of use. If material comes in contact with the eyes, it may cause irritation.

**Carcinogenicity** ..... When used under normal conditions, this product is not considered a carcinogen.

**HAZARD RATING (NFPA)**

|                |   |  |
|----------------|---|--|
| HEALTH         | 0 |  |
| FLAMMABILITY   | 1 |  |
| REACTIVITY     | 0 |  |
| SPECIAL NOTICE | - |  |

**HAZARD RATING (HMIS®)**

|                     |   |  |
|---------------------|---|--|
| HEALTH              | 0 |  |
| FLAMMABILITY        | 1 |  |
| PHYSICAL HAZARD     | 0 |  |
| PERSONAL PROTECTION | X |  |

NFPA – National Fire Protection Association

HMIS® is a registered trademark of the American Coatings Association

Degree of Hazard

0 - Minimal (Insignificant)

1 - Slight

2 - Moderate

3 - Serious (High)

4 - Severe (Extreme)

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

| CHEMICAL NAME    | COMMON NAME       | CAS NUMBER           | PERCENT BY WEIGHT  |
|------------------|-------------------|----------------------|--------------------|
| Polyethylene     | Polymeric Coating | 9002-88-4            | 5-25% range PP/PE  |
| Polypropylene    | Polymeric Coating | 9003-07-0            | 50-80% range PP/PE |
| Green MB         | Color Pigment     | NA                   | <1%                |
| Titanium Dioxide | White Pigment     | 13463-67-7           | 2-10% range        |
| VCI Blend        | Proprietary       | 7632-00-0 , 532-32-1 | <1%                |
| Light Stabilizer | UV Additive       | 71878-19-8           | <0.5% range        |

**Any concentration shown as a range is to protect confidentiality or is due to batch variability.**

**Note:**

NA = Not Available

NE = Not Established

**SECTION 4 – FIRST AID MEASURES**

**INHALATION** ..... Remove to fresh, uncontaminated air.

**SKIN** ..... For minor burns due to molten plastic, use running cold water.

**INGESTION** ..... If product is ingested, do not induce vomiting. If vomiting occurs, keep head lower than hips to avoid aspiration of vomit into the lungs, which can cause inflammation or pneumonitis. Get immediate medical attention.

**EYES** ..... If material comes into contact with the eyes, immediately flush with plenty of cool water for at least 20 minutes preferably at an eye wash fountain or until irritation subsides, occasionally lifting the eye lids to ensure thorough rinsing. If irritation develops or persists, seek medical attention.

**NOTES TO PHYSICIANS/  
FIRST AID PROVIDERS** ..... None

## SECTION 5 – FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA** ..... Water spray, Foam, Carbon Dioxide, Dry Chemical.

**UNSUITABLE EXTINGUISHING MEDIA**..... No data available

**HAZARDOUS COMBUSTION-PRODUCTS** ..... Carbon Dioxide, Carbon Monoxide, Unidentified organic compounds. If burned, the material could release toxic fumes and smoke.

**FIRE FIGHTING PROCEDURES** ..... Combustible. Avoid breathing fumes. Use extinguishing measures that are appropriate to local circumstances and surrounding environment.

**FIRE FIGHTER PROTECTION** ..... Molten polypropylene tends to flow or drip; proper protection required. Firefighters should not enter confined space without wearing NIOSH-approved self-contained breathing apparatus with full face mask and protective equipment.

**UNUSUAL FIRE AND-EXPLOSION HAZARDS** ..... None known

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS** ..... Not applicable

**EMERGENCY PROCEDURES** ..... Not applicable

**ENVIRONMENTAL- PRECAUTIONS** ..... No data available

**CLEAN-UP PROCEDURES** ..... Pick up large pieces. Vacuum dust. If sweeping is necessary, avoid creating dusts by using a dust suppressant such as water. This will help to minimize potential exposures.

**WASTE DISPOSAL METHOD** ..... Scoop up material and dispose in accordance with Federal, State, and local regulations. Do not burn.

## SECTION 7 – HANDLING AND STORAGE

**HANDLING PROCEDURES** ..... When handling uncontained material, use personal protective equipment as described in Section 8 of this SDS.

**STORAGE PROCEDURES** ..... Store material in accordance with instructions on the product packaging, if any. Material should be kept clean, dry, and in original packaging. Keep this product away from heat, sparks, ignition sources, and open flames in accordance with applicable laws and regulations.

**SPECIAL PACKAGING-MATERIALS** ..... No data available

**INCOMPATIBLE MATERIALS** ..... Not known

**OTHER PRECAUTIONS** ..... Comply with OSHA and other safety standards and codes for roof work. Always use Fall Protection Systems when working on roofs. Product may be slippery when wet, dusty or covered with water, ice, dew, frost, or snow. Do not walk on material that has not been securely fastened to the roof deck.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT:

**RESPIRATORY-PROTECTION** ..... Not needed under normal use conditions.

**EYES/FACE PROTECTION** ..... Safety glasses with side shields are recommended

**HANDS PROTECTION** ..... Leather or Cotton gloves recommended when handling to protect against mechanical abrasion. Promptly clean hands with waterless hand cleaner, clean fingernails and wash with soap and water after handling.

**SKIN/BODY PROTECTION** ..... Normal work clothing (long sleeved shirts, long pants, and non-skid shoes or boots with 6-inc leather uppers) is recommended during application and/or tear-off activities

**OTHER PROTECTIVE- EQUIPMENT** ..... Should be provided as necessary to prevent irritation of the throat, eyes, and skin and to keep exposures below the applicable exposure limits identified in this section.

**WORK HYGIENE-PRACTICES** ..... Use good industrial hygiene practices when handling the material. Wash exposed skin prior to eating, drinking or smoking and at the end of the shift.

**EXPOSURE GUIDELINES** ..... Handle using methods and techniques that minimize dust or fume generation.

**ENGINEERING CONTROLS/ VENTILATION** ..... Not needed under normal conditions of use.

| CHEMICAL NAME    | COMMON NAME       | CAS NUMBER           | EXPOSURE LIMIT       |                       |
|------------------|-------------------|----------------------|----------------------|-----------------------|
|                  |                   |                      | ACGIH (TWA)          | OSHA (PEL)            |
| Polyethylene     | Polymeric Coating | 9002-88-4            | 10 mg/m <sup>3</sup> | 15 mg/m <sup>3</sup>  |
| Polypropylene    | Polymeric Coating | 9003-07-0            | 10 mg/m <sup>3</sup> | 15 mg/m <sup>3</sup>  |
| Green MB         | Color Pigment     | NA                   | NE                   | NE                    |
| Titanium Dioxide | White Pigment     | 13463-67-7           | 10 mg/m <sup>3</sup> | 2.4 mg/m <sup>3</sup> |
| VCI Blend        | Proprietary       | 7632-00-0 , 532-32-1 | NE                   | NE                    |
| Light Stabilizer | UV Additive       | 71878-19-8           | NE                   | NE                    |

**Note:**

NA = Not Available

NE = Not Established

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

|  |                    |                                  |                   |
|--|--------------------|----------------------------------|-------------------|
| <b>Physical Form</b>                           | Solid              | <b>Taste</b>                     | No data available |
| <b>Appearance</b>                              | Sheet in roll form | <b>Odor</b>                      | Odorless          |
| <b>Color</b>                                   | White / Tint Green | <b>Odor Threshold</b>            | No applicable     |
| <b>Boiling Point</b>                           | N/A                | <b>Vapor Pressure</b>            | No data           |
| <b>Melting Point</b>                           | >240 ° F           | <b>Vapor Density</b>             | No data           |
| <b>Freezing Point</b>                          | No data            | <b>Evaporation Rate</b>          | No data           |
| <b>Specific Gravity</b>                        | Variable           | <b>VOC (Weight)</b>              | No data           |
| <b>Density</b>                                 | No data            | <b>VOC (Volume)</b>              | No data           |
| <b>Bulk Density</b>                            | No data            | <b>Volatiles (Weight)</b>        | No data           |
| <b>Viscosity</b>                               | No data            | <b>Volatiles (Volume)</b>        | No data           |
| <b>pH (Undiluted Product)</b>                  | No data            | <b>Flash Point</b>               | >570 ° F          |
| <b>Water Solubility</b>                        | Insoluble          | <b>Flash Point Test Type</b>     | COC               |
| <b>Solvent Solubility</b>                      | No data            | <b>Upper Explosion Limit</b>     | No data           |
| <b>Partition Coefficient - Octanol / Water</b> | No data            | <b>Lower Explosion Limit</b>     | No data           |
| <b>Molecular Weight</b>                        | No data            | <b>Auto Ignition</b>             | No data           |
| <b>Decomposition Temp.</b>                     | No data            | <b>Flammability (Solid, Gas)</b> | No data           |

## SECTION 10 – STABILITY AND REACTIVITY

- THERMAL STABILITY** ..... Stable under normal conditions of use.
- HAZARDOUS-DECOMPOSITION** ..... Upon decomposition this product may form carbon dioxide, carbon monoxide, and unidentified organic compound during heating or burning.
- HAZARDOUS-POLYMERIZATION** ..... Will not occur.
- CONDITIONS TO AVOID** ..... Keep this product away from heat, sparks, ignition sources, and open flames in accordance with applicable laws and regulations.
- INCOMPATIBLE MATERIALS** ..... None known

## SECTION 11 – TOXICOLOGICAL INFORMATION

- ACUTE EFFECTS** ..... Repeated contact may cause skin irritation due to roughness of product. If material comes in contact with the eyes, it may cause irritation. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.
- CHRONIC EFFECTS** ..... None known

## SECTION 12 – ECOLOGICAL INFORMATION

- ECOTOXICITY** ..... No data available for this product
- PERSISTENCE/DEGRADABILITY** ..... No data available for this product
- BIOACCUMULATION POTENTIAL** ..... No data available for this product
- MOBILITY IN SOIL** ..... No data available for this product
- OTHER ADVERSE EFFECTS (GHG, OZONE)** ..... No data available for this product

## SECTION 13 – DISPOSAL CONSIDERATIONS

- PRODUCT INFORMATION** ..... This product, as supplied, is not expected to be a hazardous waste when it is disposed of according to the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations.
- DISPOSAL INSTRUCTIONS** ..... Dispose of waste material in accordance with Federal, State, and Local environmental regulations.
- RCRA CLASS** ..... None

## SECTION 14 – TRANSPORT INFORMATION

### U. S. DEPARTMENT OF TRANSPORTATION

- Proper Shipping Name ..... N/A
- Hazard Class ..... N/A
- ID Number ..... N/A
- Packing Group ..... N/A
- Label Statement ..... N/A
- Other ..... N/A

### INTERNATIONALTRANSPOR REGULATION

This product is not classified as dangerous goods according to international transport regulations.

UN Number ..... N/A  
UN Proper Shipping Name ..... N/A  
Packing Group ..... N/A  
Environmental Hazards..... N/A  
Transport in Bulk..... N/A  
Special Precautions ..... N/A

## SECTION 15 – REGULATORY INFORMATION

### INTERNATIONAL REGULATIONS

These products are not considered articles per international product regulations and as such, these products do not require registration or notification on the various country-specific inventories.

### U. S. FEDERAL REGULATIONS

TSCA ..... None

CERCLA ..... None

### SARA

Section 302 ..... None of the product components are listed under this section

Section 311/312 ..... None of the product components are listed under this section

Section 313 ..... None of the product components are listed under this section

STATE REGULATIONS ..... None

**Note:** TSCA.....Toxic Substances Control Act  
CERCLA.....Comprehensive Environmental Response Compensation and Liabilities Act  
SARA.....Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III  
Section 302 .....Extremely Dangerous Hazardous Substances  
Section 311/312 .....Immediate health; Delayed health; Fire hazard  
Section 313 .....Reportable Ingredients

## SECTION 16 – OTHER INFORMATION

DATE OF PREPARATION ..... August 30 2016

DATE OF LAST REVISION..... N/A

CHANGES SINCE LAST- REVISION .... N/A

PREPARED BY ..... InterWrap

**DISCLAIMER**..... The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief, and are presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State, and Local laws. The supplier shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to ensure the suitability and completeness of such information for a particular use. No information or recommendation shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.