SECTION 1: IDENTIFICATION

PRODUCT NAME: DURASKIRT™ Concrete Panel Units

OTHER NAMES: Not Relevant

RECOMMENDED USE: Concrete panel products used for the purpose of construction of buildings, walls, vertical surfaces and skirting (underpinning). Varies based upon type of product selected, refer www.duraskirt.com for further information on full range of concrete panel products and their recommended uses.

COMPANY: Creative Concrete Products, LLC

ADDRESS: CREATIVE CONCRETE PRODUCTS

115 LIND STREET
MOUNT VERNON, WA 98273

TELEPHONE: 1-360-419-9909

IMPORTANT NOTICE: THIS SAFETY DATA SHEET (SDS) IS ISSUED BY CREATIVE CONCRETE PRODUCTS, LLC IN ACCORDANCE WITH THE REQUIREMENTS OF “PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS – CODE OF PRACTICE, JANUARY 2018”. AS SUCH, THE INFORMATION IN IT MUST NOT BE ALTERED, DELETED OR ADDED TO. CREATIVE CONCRETE PRODUCTS, LLC WILL NOT ACCEPT ANY RESPONSIBILITY FOR ANY CHANGES MADE TO ITS SDS BY ANY OTHER PERSON OR ORGANIZATION.
SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL ACCORDING TO OSHA HAZCOM 2012

This product is an article as defined in the OSHA Hazard Communication Standard [29 CFR 1910.1200(c)] and is exempt from regulatory requirements when handled as a manufactured item. *This SDS contains additional health hazard information related to dust generation during construction.*

Hazard class

- Skin irritation 2
- Eye irritation 2A
- Skin sensitization 1
- Carcinogenicity 1A
- Specific target organ toxicity - Single exposure 3
- Specific target organ toxicity - Repeated exposure 1

LABEL ELEMENTS ACCORDING TO OSHA HAZCOM 2012

Hazard Pictogram:

- !
- ☑

Signal Word: Danger

Hazard Statement: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Respirable dust may contain crystalline silica, known to cause cancer. May cause respiratory irritation. Causes damage to lungs through prolonged or repeated exposure.
PREVENTION STATEMENTS

P261 Avoid breathing dust
P264 Wash hands thoroughly after handling
P280 Wear protective gloves
P280 Wear eye protection
P285 In case of inadequate ventilation, although recommended, wear respiratory protection, half face mask with P1 filter (N95 can be substituted)

RESPONSE STATEMENTS

P302 + P352 IF ON SKIN: Wash with plenty of soap and water
P332 + P313 IF SKIN IRRITATION OCCURS: Get medical advice / attention
P362 Take off contaminated clothing and wash before reuse
P305, P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 IF EYE IRRITATION PERSISTS: Get medical advice / attention.
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342 + P311 IF EXPERIENCING RESPIRATORY SYMPTOMS: Call POISON CONTROL or doctor / physician.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>PROPORTION</th>
<th>CAS NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland Cement (Hydrated)</td>
<td>1 – 30%</td>
<td>65997-15-1</td>
</tr>
<tr>
<td>Chromium VI (hexavalent chromium from cement)</td>
<td>trace</td>
<td>18540-29-9</td>
</tr>
<tr>
<td>Aggregate (sand, crushed stone, gravel, basalt, granite, bottom ash, scoria)</td>
<td>&gt;50%</td>
<td>14808-60-7, 68131-74-8</td>
</tr>
<tr>
<td>Polypropylene homopolymer, with process stabilizers, pigments and UV stabilizer, and treated with a spin finish lubricant.</td>
<td>0 – 5%</td>
<td>9003-07-0</td>
</tr>
<tr>
<td></td>
<td>&lt;1%</td>
<td>9002-88-4</td>
</tr>
<tr>
<td>Polyethylene</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>1 – 10%</td>
<td>7439-89-6</td>
</tr>
<tr>
<td>Iron</td>
<td>1 – 10%</td>
<td>7439-89-6</td>
</tr>
<tr>
<td>Zinc</td>
<td>&lt;1%</td>
<td>7440-66-6</td>
</tr>
<tr>
<td>Admixtures (air-entrainment, waterproofing agents, reducers, plasticizers)</td>
<td>&lt;1%</td>
<td>2943-75-1</td>
</tr>
</tbody>
</table>
SECTION 4: FIRST AID MEASURES

The following measures are primarily for dealing with debris & dust caused from cutting, grinding or demolition of DURASKIRT™.

SWALLOWED
Rinse mouth and lips with water. Drink plenty of clean water to dilute stomach contents. Do not induce vomiting.

If symptoms persist, seek medical attention.

EYES
Flush eyes with running water for 15 minutes. Seek medical assistance if discomfort persists.

SKIN
Remove heavily contaminated clothing. Wash with soap and water and apply skin moisturizer. Seek medical attention for persistent irritation or burning of the skin.

INHALED
Remove to fresh air and allow to rest. If irritation persists, seek medical advice.

FIRST AID FACILITIES
Washing facilities – mobile eye wash facility with sterile water and normal saline.

ADVICE TO DOCTOR
Treat Symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABILITY
Not Relevant

SUITABLE EXTINGUISHING MEDIA
Not Relevant

HAZARDS FROM COMBUSTION PRODUCTS
Not Relevant

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILLS
Any debris from broken or sawn product should be shoveled into containers. Any residual fine material should be wet down to minimize airborne dust and swept up.

DISPOSAL
Ass solid fill in accordance with local government regulations for disposal of solid waste (refer local government guidelines).

EMERGENCY PROCEDURES
Not Relevant

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP
Not Relevant
## SECTION 7: HANDLING AND STORAGE

<table>
<thead>
<tr>
<th>PRECAUTIONS FOR SAFE HANDLING</th>
<th>DURASKIRT™ concrete units may be heavy and appropriate manual handling methods should be applied when lifting.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONDITIONS FOR SAFE STORAGE</td>
<td>Not Relevant</td>
</tr>
<tr>
<td>INCOMPATIBILITIES</td>
<td>Not Relevant</td>
</tr>
</tbody>
</table>
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE STANDARDS
Exposure to dry concrete dust should be kept as low as practicable and below the following National Exposure Standard (NES) limits

BIOLOGICAL LIMIT VALUES
Crystalline silica (quartz): 0.1mg/m³ TWA (time weighted average) as respirable dust (≤ 7 microns particle equivalent aerodynamic diameter).

Remove heavily contaminated clothing. Wash with soap and water and apply skin moisturizer. Seek medical attention for persistent irritation or burning of the skin.

Chromium VI (hexavalent): 0.05mg/m³ - sensitizer.
Portland Cement: 10mg/m³ (respirable dust)

Only undertake drilling, cutting or grinding of units in a well-ventilated open area, and use water spray.

ENGINEERING CONTROLS

Personal Protective Equipment

SKIN PROTECTION
Wear cloth or leather gloves to protect hands against abrasion. Impervious gloves and apron should be worn when handling wet product.

EYE PROTECTION
Wear approved safety glasses, goggles or face shield when dust is being generated by cutting, drilling, chasing, grinding, sanding or polishing.

HEARING PROTECTION
Wear ear protection if using power tools.

FOOT PROTECTION
Wear safety footwear.

RESPIRATORY PROTECTION
Use a half-face respirator with a Class P1 filter or N95 mask where wet cutting is not possible.
### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Varies by product selected</td>
</tr>
<tr>
<td><strong>Odour</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>7 – 12 when wet</td>
</tr>
<tr>
<td><strong>Vapour Pressure</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Freezing Point</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Percent Volatiles</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Solubility in Water</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Relative Density</strong></td>
<td>Varies based on selected product, refer to website for individual Technical data sheets.</td>
</tr>
<tr>
<td><strong>Flammability Limits</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Ignition Temperature</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Auto-Ignition Temp</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Decomposition Temp</strong></td>
<td>Not Relevant</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not Relevant</td>
</tr>
</tbody>
</table>
SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY
Chemically Stable

INCOMPATIBLE MATERIALS
NOT RELEVANT

CONDITIONS TO AVOID
Not Relevant

HAZARDOUS DECOMPOSITION PRODUCTS
Not Relevant

HAZARDOUS REACTIONS
Not Relevant

SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects: Concrete Masonry Products, such as DURASKIRT™ panels pose no health hazard as manufactured. In some types of applications, it may be necessary to modify the units, this can be in the form of grinding, drilling or cutting and can generate dust. All information in this section relates to the generation of dust.

ACUTE – SHORT TERM EXPOSURE

SWALLOWED
Possible gastrointestinal irritant. Abrasive

EYES
Dust and fragments generated through mechanical impact may be sharp and irritating to eyes.

SKIN
May lead to dry or irritated skin.

INHALED
Inhalation of dust particles may cause irritation of nasal passages and respiratory tract.

ACUTE – LONG TERM EXPOSURE

EYES
The dust may cause pain, redness and inflammation of the cornea.

SKIN
Repeated contact causes irritation and drying of skin.

INHALED
Prolonged exposure to respirable dust, which contains crystalline silica (quartz) at levels above the National Occupational Exposure Standard, could lead to chronic respiratory disease such as bronchitis, silicosis (scarring of the lung) or lung cancer. The association between exposure to respirable quartz and lung cancer is stronger in people who have already developed silicosis and/or are cigarette smokers.
SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

Material is non-toxic to ecosystem. Dust is alkaline when mixed with water.

PERSISTENCE AND DEGRADABILITY

Product is persistent and has a low degradability.

MOBILITY

Low mobility would be expected in landfill situations.

SECTION 13: DISPOSAL CONSIDERATIONS

DURASKIRT™ concrete units can be treated as common waste for disposal or dumped into a landfill site in accordance with local authority guidelines. Measures should be taken to prevent dust generation during disposal.
SECTION 14: TRANSPORTATION INFORMATION

UN NUMBER                     Not Relevant
UN PROPER SHIPPING NAME       Not Relevant
CLASS AND SUBSIDIARY RISK     Not Relevant
PACKING GROUP                 Not Relevant
SPECIAL PRECAUTIONS FOR USE   Not Relevant
HAZCHEM CODE                  Not Relevant

SECTION 15: REGULATORY INFORMATION

Exposures by inhalation of high levels of dust may be regulated under the Hazardous Substances Regulation as they are applicable to Respirable Crystalline Silica requiring exposure assessment, controls and health surveillance (NOHSC).

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and poisons (SUSDP).

SECTION 16: OTHER INFORMATION ISSUE DATE

PRODUCED BY
CREATIVE CONCRETE PRODUCTS, LLC

REFERENCED DOCUMENTS
January 5th, 2018
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice February 2016

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