

## SAFETY DATA SHEET

### 1. Identification

<b>Product identifier used on the label:</b>	<b>COR X Polypropylene</b>
<b>Other means of identification:</b>	Plastic Sheet
<b>Synonyms:</b>	Not applicable
<b>Recommended use of the chemical and restrictions on use:</b>	Packaging, Textile, Automotive, Healthcare, Cosmetic, Construction, Appliance, Transportation, Toy, Print, Food, Furniture, Point of Purchase, Computer, Dunnage and Recreational Industries. Do not use without applicable controls in place
<b>Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:</b>	200 Connell Drive Berkeley Heights, NJ 07922 Tel: 908-871-7000 Fax: 908-871-1150 Website: <a href="http://www.flexcontainer.com">www.flexcontainer.com</a> E-mail: <a href="mailto:info@flexcontainer.com">info@flexcontainer.com</a>

### 2. Hazard(s) identification

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on potential release factors of the existing health data for individual components which comprise the mixture.

i. The ingredients in this product are bound in a thermoplastic resin matrix. In accordance with GHS for the classification of the product, the hazard potential may be assessed with respect to the physic-chemical form and/or bioavailability of the individual components in the thermoplastic resin. ii. Where GHS classifications are shown below, these are based on individual components in the thermoplastic resin matrix. Under typical use conditions for the product, these hazardous components are unlikely to contribute to the workplace exposure. Please read the entire safety data sheet and/or consult an EHS professional for a complete understanding. However, some vapors may be released upon heating and the end user must take the necessary precautions to protect employees from exposure.

#### Classification of the chemical in accordance with paragraph (d) of §1910.1200;

<b>GHS classification:</b>	This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>Signal word:</b>	None
<b>Hazard statements:</b>	None
<b>Precautionary statements:</b>	This product contains no substances which, at their given concentration, are considered to be hazardous to health.
<b>Prevention:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face

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**Response:** protection.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice/attention.

**Storage:** No information available

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

**Hazards not otherwise classified:** COMBUSTIBLE DUST: If small particles are generated during further processing, handling, or by other means, combustible dust concentrations in air may form. Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat. In the event that combustible dust is generated, the hazard is posed only by the size of the particle not its chemical content because all monomers, additives and pigment are totally encapsulated within the resin and cannot be released in pure form.

**Additional Information:** Can burn in a fire creating dense, toxic smoke. Molten plastic can cause severe thermal burns. Fumes produced during melt processing may cause eye, skin and respiratory tract irritation. Severe over-exposure may result in nausea, headache, chills and fever. See below for additional effects.

### 3. Composition/information on ingredients

Chemical component:	Common name and synonyms	CAS Number	Concentration (%)
Polypropylene	Not applicable	9003-07-0	95-100%
Polypropylene Copolymer	Not applicable	9010-79-1	95-100%

The ingredients in this product are present within the polymer matrix and are not expected to be hazardous.

### 4. First-aid measures

**Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:**

**Inhalation:** Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

**Eyes:** None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

**Skin Contact:** Wash with soap and water.

**Ingestion:** No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

**Most important symptoms/effects,** No data available

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acute and delayed:

Indication of immediate medical attention and special treatment needed, if necessary:

Gasses and fumes during thermal processing or the decomposition of this material may irritate eyes, skin or respiratory tract.

### 5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

**Suitable extinguishing media:** All conventional media are suitable. Use dry chemical, carbon dioxide, water spray, or "alcohol" foam.

**Unsuitable extinguishing media:** No data available

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

Dust explosions can occur under conditions of high dust concentrations in the presence of an ignition source. Burning will produce irritating smoke.

Hazardous combustion products:

Gasses and fumes during thermal processing or the decomposition of this material may irritate eyes, skin or respiratory tract.

Special protective equipment and precautions for fire-fighters:

Use methods appropriate for surrounding materials. Use methods for the surrounding fire.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

No adverse health affects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this SDS.

Methods and materials for containment and cleaning up:

No special spill clean-up considerations. Collect and discard in regular trash.

### 7. Handling and storage

Precautions for safe handling:

No special handling instructions due to toxicity.

Conditions for safe storage, including any incompatibilities:

Conditions for safe storage:

No special requirements

Materials to avoid/chemical incompatibilities:

None known

### 8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Nuisance Dust	15 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup>	
Respirable Dust	5 mg/m <sup>3</sup> TWA	3 mg/m <sup>3</sup>	

Appropriate engineering controls:

Local exhaust ventilation or other engineering controls are normally

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required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Ventilation is required to maintain operator exposure below published exposure limits. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

### Individual protection measures, such as personal protective equipment:

#### Respiratory Protection:

No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section 3.

#### Eye Protection:

Wear safety glasses with side shields when handling this product.

#### Skin Protection:

Not normally considered a skin hazard. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clean protective equipment regularly.

#### Other protective equipment:

Gloves may be required when processing sheet due to sharp edges and when plastic is in the molten state.

#### General hygiene conditions:

No special handling instructions due to toxicity.

### 9. Physical and chemical properties

#### Appearance (physical state, color, etc.):

##### Appearance (physical state):

Solid Polypropylene Sheet

##### Color:

Various color per product description

#### Odor:

No data available

#### Odor threshold:

No data available

#### pH:

No data available

#### Melting point / freezing point:

122-284 F (50-140 C)

#### Initial boiling point and boiling range:

No data available

#### Flash point:

No data available

#### Evaporation Rate:

Not determined

#### Flammability (solid, gas):

No data available

#### Upper/lower flammability or explosive limits:

##### Upper flammability or explosive limits:

No data available

##### Lower flammability or explosive limits:

No data available

#### Vapor pressure:

No data available

#### Vapor density:

No data available

#### Relative density:

1

#### Solubility(ies):

Not determined

#### Partition coefficient: n-octanol/water:

No data available

#### Auto-ignition temperature:

No data available

#### Decomposition temperature:

>572 F (300 C)

#### Viscosity:

No data available

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### 10. Stability and reactivity

<b>Reactivity:</b>	Not expected to be reactive
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	None expected under standard conditions of storage
<b>Conditions to avoid (e.g., static discharge, shock, or vibration):</b>	Not applicable
<b>Incompatible materials:</b>	None known
<b>Hazardous decomposition products:</b>	Irritating or toxic gasses may occur by fire

### 11. Toxicological information

Exposure effects listed are based on existing health data for the individual components which comprise the mixture not being readily available as they are bound within the polymer matrix.

**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** Eye contact, skin contact, ingestion and inhalation.

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available

#### Delayed and immediate effects and also chronic effects from short- and long-term exposure:

##### Immediate (Acute) Health Effects by Route of Exposure:

<b>Inhalation Irritation:</b>	None known
<b>Inhalation Toxicity:</b>	None known
<b>Skin Contact:</b>	No hazard in normal industrial use.
<b>Skin Absorption:</b>	No data available
<b>Eye Contact:</b>	No hazard in normal industrial use.
<b>Ingestion Irritation:</b>	None known
<b>Ingestion Toxicity:</b>	None known

##### Long-Term (Chronic) Health Effects:

<b>Carcinogenicity:</b>	None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
<b>Reproductive and Developmental Toxicity:</b>	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
<b>Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Inhalation:</b>	No data available
<b>Skin Contact:</b>	No data available
<b>Skin Absorption:</b>	No data available

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Numerical measures of toxicity (such as acute toxicity estimates).

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation:
No data available			

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA.

Chemical name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer			

### 12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available):

No ecological information available

Ecotoxicity Data:

Chemical component	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects (such as hazardous to the ozone layer):** No data available

### 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

**Waste treatment methods:** Spent or discarded material is not expected to be a hazardous waste.

**Waste codes / waste designations:** None known

### 14. Transport information

International carriage of dangerous goods by road (DOT), rail or inland waterways:

**UN number:** NA

**UN proper shipping name:** DOT & IATA: NOT RESTRICTED

**Transport hazard class(es):** NA

**Packing group, if applicable:** NA

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**International carriage of dangerous goods by sea (IMDG/IMO):**

UN number: Not applicable  
 UN proper shipping name: Not applicable  
 Transport hazard class(es): NA  
 Packing group, if applicable: NA

**International carriage of dangerous goods by air (IATA):**

UN number: Not applicable  
 UN proper shipping name: No data available  
 Transport hazard class(es): NA  
 Packing group, if applicable: NA

Environmental hazards (e.g., Marine pollutant (Yes/No)): No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises: No data available

<b>15. Regulatory information</b>
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**Safety, health and environmental regulations specific for the product in question:**

**International Inventories:**

<b>TSCA (USA)</b>	All Listed on TSCA
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<b>DSL (Canada)</b>	All Listed on DSL
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### Restriction of Hazardous Substances Directive 2011/65/EU RoHS2 and amended Directive 2015/863 RoHS3:

Chemical component	CAS #
No known ROHS substances contained in this product	

### REACH - Substances of Very High Concern (Based on List dated January 15, 2019):

Chemical component	CAS #
No known SVHC substances contained in this product	

### California Prop 65:

Chemical component	CAS #
1,4-Dioxane	123-91-1
Ethylene Oxide	75-21-8

### SARA Title III Section 311/312 Category Hazards:

Immediate (acute)	Delayed (chronic)	Fire Hazard	Pressure Release	Reactive
No	No	No	No	No

### 16. Other information, including date of preparation or last revision.

Revision Date: 1/15/2019

Revision Number: 15

**Disclaimer:** The information in this SDS pertains only to the product as shipped. Information given is designed only as a 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. THIS SAFETY DATA SHEET IS PROVIDED BY Flexcon Container. PURSUANT TO OSHA REGULATIONS, 29 CFR 1910.1200. THE INFORMATION PROVIDED IN THE SHEET IS TRUE AND ACCURATE AS THE DATE INDICATED, TO THE BEST OF OUR KNOWLEDGE. THE INFORMATION IS NOT INTENDED TO COVER EVERY CONCEIVABLE USE OR HANDLING OF THE MATERIAL, AND ACTUAL CONDITIONS OF USE AND HANDLING MAY REQUIRE CONSIDERATIONS OR INFORMATION OTHER THAN, OR IN ADDITION TO, THAT WHICH IS CONTAINED IN THIS SHEET. THE INFORMATION CONTAINED HERewith ON THIS MATERIAL SHOULD NOT BE THE ONLY REFERENCE, NOR SHALL NOT BE CONSTRUED AS, A REPRESENTATION OR WARRANTY OF ANY KIND WHATSOEVER, IN CONNECTION WITH THE USE OF DISTRIBUTION OF THE MATERIAL OR THE MATERIAL ITSELF.