

XPotential Products Material Safety Data Sheet

Section 1 – Product Information

Product Name:	Impact-Post™, Impact-Curb™
WHMIS Classification:	Exempt: not a controlled product
TDG Classification:	Exempt: not regulated
Material Use:	Common lumber applications, parking and landscaping
Technical Support:	1-800-863-6619 or 204-224-3933

Section 2 – Ingredients of Product

This product contains a broad array of mixed post-consumer and post-industrial plastics in addition to Auto Shredder Residue (ASR).

ASR is the by-product of shredding an automobile. The primary ingredients are those used to manufacture upholstery, fabric trim, rubber, plastic, glass and trace amounts of metal.

Post-consumer and post-industrial plastics may contain commercially available dyes and pigments at levels less than 1% but sometimes at levels greater than 1% for titanium dioxide (CAS# 001344-37-2) carbon black (CAS# 01333-86-41) or chrome yellow (CAS# 001344-37-2).

Section 3 – Physical Data

Physical State:	Solid
Odor:	Paraffins to black licorice/burnt coffee (evident only in new material)
Melting Point:	>125°C (>250°F)
Specific Gravity:	1.2 (75 lbs./cu ft)
Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Solubility:	Insoluble in water and cold organic solvents

Section 4 – Fire Explosion and Hazard Data

Flash Point:	Not applicable
Method Used:	Not applicable
Flammable Limits:	LFL: Not applicable UFL: Not applicable
Extinguishing Media:	Water, fog, CO ₂ , dry chemical
Fire and Explosion Hazard:	Carbon monoxide may form as well as dense smoke
Fire Fighting Equipment:	Use positive pressure, self-contained breathing apparatus

Section 5 – Reactivity Data

Stability:	Avoid temperatures >125°C (>250°F)
Incompatibility:	Not applicable
Hazardous Polymerization:	Not applicable
Hazardous Decomposition Products:	Same as ordinary combustibles: Carbon dioxide and carbon monoxide

Section 6 – Environmental and Disposal Information

Dust or sawdust particles may cause a slipping hazard. Sweep or vacuum the product into containers for disposal in accordance with local, provincial and federal regulations or for refuse.

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Section 7 – Health Hazard Data

Eyes:

Solid or dusts may cause irritation or corneal injury due to mechanical action.

Skin Contact:

Essentially non-irritating to skin.

Skin Absorption:

Skin absorption is unlikely due to physical properties.

Ingestion:

No hazards anticipated from ingestion incidental to industrial applications. A physician should be consulted if large amounts are ingested.

Systemic and other effects:

No specific data available. However, repeated exposures are not anticipated to cause any adverse effects. Pigments and dyes are fully encapsulated in the resin and are not expected to cause any hazardous conditions when used in accordance with good material handling procedures. Airborne particles of this material should be considered as a nuisance dust.

Section 8 – First Aid Information

Eyes:

Irrigate immediately with water for at least 5 minutes, mechanical effects only, seek medical attention.

Skin:

No adverse effects anticipated by this route of exposure. Wash exposed area with mild soap and water in accordance with good hygiene practices. If skin sensitivity should occur seek medical advice.

Ingestion:

No adverse effects anticipated by this route of exposure. If pain and/or discomfort occurs seek medical attention

Inhalation:

No adverse effects anticipated by this route of exposure. If respiratory irritation occurs, remove affected person from work area. Obtain medical attention if irritation persists.

Section 9 – Handling Precautions

Normal safety practices apply. Always wear gloves and steel toe CSA/UL approved work boots when working with this product. Always wear CSA/UL approved eye protection when cutting, drilling product or handling product in a fashion whereby splintering may occur.

Section 10 – Additional Information

This information sheet was prepared by
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