

SPORTBAU NEWS

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EVERPLAY THE LEADER

For many years **EVERPLAY** has been the state of the art surfacing for play and recreation surfaces. **EVERPLAY** has come to be the benchmark in the provision of durable surfaces that will meet the standards that have been set within Canada and Internationally. The **durability of EVERPLAY** goes back the first installations as recreation surfaces for exercise and volleyball. For these installations the **all weather characteristics and biomechanical properties** were



key factors. Since these projects were initially installed, there has been a growing need for the installation of **surfaces that would protect the users of the playgrounds.** As a result the **EVERPLAY** systems were **modified to meet the ASTM F1292 standard** thereby giving birth to the **EVERPLAY 3000, 2030, 2050 & 3050 systems.** These have been specifically designed to provide a **Gmax of under 200** for the standing platform heights listed in the literature.

With changes being anticipate for the ASTM, CSA and International standards and the concerns of the insurance industry with respect to playgrounds, **EVERPLAY recommends** that surfaces being installed should provide a **Gmax of**

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under 150 wherever possible and given the equipment involved. The **under 1000 H.I.C. must also be adhered to** in addition to the Gmax benchmark. Since these test results will be critical to the operation of your installation, **do not purchase any system that cannot provide independent test results.**

The ideal surface would slowly indent upon impacts like a high jump mat, but allow for play activity similar to newly mowed grass, and be as durable as concrete. Unfortunately these **properties are somewhat mutually exclusive.** Sophisticated **polyurethane binders throughout the entire surface depth** can come very close to the ideal. There are some very good reasons for this. **Polyurethanes** are the only thermoset binders that have demonstrated resilience over a wide range of temperatures. The best quality polyurethanes will be blend the **flexibility of TDI** (toluene diisocyanate) and the **durability of MDI**

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BEWARE THE LOOSE IMPOSTER

It has come to the attention of **EVERPLAY** that there are some systems being marketed that suggest they are equivalent to **EVERPLAY "in situ"**. Our **concern** is that these **systems** could be **using a layer of loose rubber crumb to underlay the surface.** This is **not durable.** Eventually this **becomes a lumpy Duvet or Mattress** and this will be **detrimental to durability and loose the impact absorbing properties** that are so important.

A **system without binders** for the total thickness will be **cheap** in the



truest sense of the word. Unfortunately the **consumer** becomes the looser and is **cheated.** If filling the base with loose rubber would be a durable solution the **other Play Surface Mat manufacturer's,** some of whom have been in the business for more that 25 years would have suggested this long ago as a method of reducing the cost. These organizations **as well as EVERPLAY** have tried this and **abandoned the concept as doomed to failure.**

The best function that the **loose layer of rubber** under a synthetic surface can have is a **pleasant and protected home for mice and other small rodents.** The loose rubber is an ideal **nesting material.** The **question** is are you running a **Day Care**

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(Methylen Bisphenyl Isocyanate). **EVERPLAY** is unique and has achieved this blend.

Continuous **research and development** have been the keys to remaining a **leader**. **EVERPLAY** is a name that has come to mean **trust, durability, high standards and excellence**.

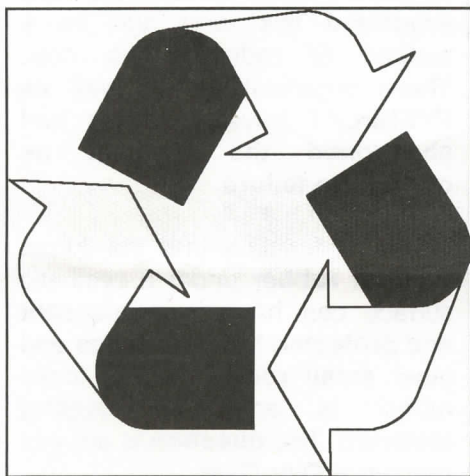
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or a Zoo?

Many years ago tire recycling companies attempted to sell only the loose rubber for playgrounds as a surface. Not a pretty sight and it was turned back.

Another **concern for EVERPLAY** is the **suggestion** that the **ASTM F1292 cannot be performed** on an "in situ" system. **We assure you that EVERPLAY has been tested in the laboratories at CSA and the installation procedures set out for the EVERPLAY installers are precise and strictly adhered to.**

We urge you to **exercise extreme caution** with the systems that are being presented to you. **If it is not presented by an authorized EVERPLAY franchisee, then it is not EVERPLAY.**



Polyurethanes and Poison

Although totally **inert once cured**, there are components in **polyurethanes** that are **poisons** and in Ontario are among few of the **Regulated Substances**. The fact that the chemicals are a regulated substance requires **special handling** procedures and **training** of the employees **beyond** the level required by **WHMIS**. Not only can this effect the other types of work that can be carried out in proximity of the work, but it means that **persons with certain ailments** must be kept **well away** from the area. The TLV is low and can be exceeded very quickly in unventillated environments.

EVERPLAY and **all thermoset** play and recreation **surfaces utilize polyurethane** binders. **Sportbau Canada's employees** have been **trained** in the handling of the polyurethanes. On **every project** there will be a designated **safety person** and this will most **often** be a **principal** of Sportbau.

At Sportbau Canada Limited we are very **concerned** about the **health and safety** of our personnel and the people who could come into contact with our installation during the **first 24 hours**. Following the first 24 hours the toxicity of the polyurethane used in the **EVERPLAY** is **eliminated through the curing** of the polyurethane to be an **inert molecule**. This now becomes similar to the polyurethane foam that mattresses, cushions and pillows are made from.

Although **EVERPLAY** does **not** allow for any **solvent** content in the polyurethanes utilized, we **caution** you to avoid these materials in that **solvents retard the cure** and allow the **toxicity** to become **airborne** more readily.

We recommend that you **exercise**

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caution whenever you have polyurethanes being installed and make the following **requests**:

- who is the designated **safety person**?
- make sure that **MSDS** (material safety data sheets) are **available**
- who is responsible for **spill decontamination**?

The installation of an **EVERPLAY** surface from **Sportbau Canada** is very straight forward with **trained and experienced personnel**.

On the Move with EVERPLAY

Recently **EVERPLAY** has changed the design of the **Play and Dimple Mats**. They now have square legs and they are thicker. The **Play Mat** is 2" and the **Dimple Mat** is 3". See the March 93 specification for **EVERPLAY Mats** for the recommended fall heights and the installation method. A compacted granular base with a filter cloth can now be utilized for both types of Mats.

See the next issue for other innovations from **EVERPLAY**. New products and new concepts to broaden the areas where you will see **EVERPLAY** recycle tires.

