

# 4 RECYCLED RUBBER MYTHS REFUTED



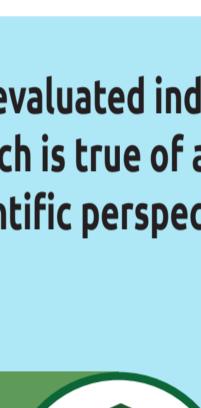
# Olyn:

## Lack of Risk Evaluation



ave been dozens of studies, peer-reviewed academic analyses  
overnment reports published that have been analyzed by  
udent third-parties and hold up under peer-review from  
ogists that are committed to science without an agenda.

# *O*rgani~~c~~. Gaps in Evidence



ividually, some studies have limitations or data-gaps  
y individual scientific study, in general - and from a  
ive, additional research can always be conducted to  
provide additional evidence.

**Considering all of the evidence of all studies combined, the data supporting the safety of crumb rubber turf fields does not support the claim that crumb rubber is safe.**

leave significant gaps.

28 Ni Nickel

48 Cd Cadmium

33 As Arsenic

My Chemical A



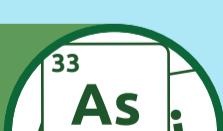
**There have been many exposure assessment studies conducted that adequately examine the three major exposure pathways, which are through ingestion, inhalation, and through the skin.**



**One peer-reviewed study did an extraction analysis using a variety of**



The image features a large, stylized word "myth:" in green on the left, partially cut off by the edge. To its right is a dark green rectangular box with the words "Doesn't Mean Risk" in white. Below this box, on the light blue background, is a green skull and crossbones icon, a common symbol for poison or hazard.



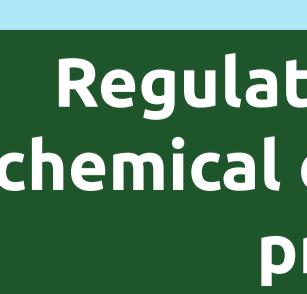
The most common four chemicals found in crumb rubber that have been brought up as points of concern in crumb rubber are arsenic, benzene, cadmium, and nickel, but context is needed relating to how often we come into contact with each by simply being part of society.



The International Agency of Cancer Research has stated these chemicals as carcinogens:

- cadmium
- nickel
- benzene

and th



try reports have found that exposures from synthetic fibers present a very low risk.

[View the full report](#) | [View the executive summary](#)

The logo for the Synthetic Turf Council. It features a circular emblem on the left composed of three stylized, overlapping green and white swooshes. To the right of the emblem, the word "Synthetic" is written in a large, dark blue serif font, and "Turf" is written in a larger, bold green serif font. Below "Turf" is the word "COUNCIL" in a smaller, dark blue serif font. A small "SM" symbol is located in the top right corner of the "Turf" wordmark.