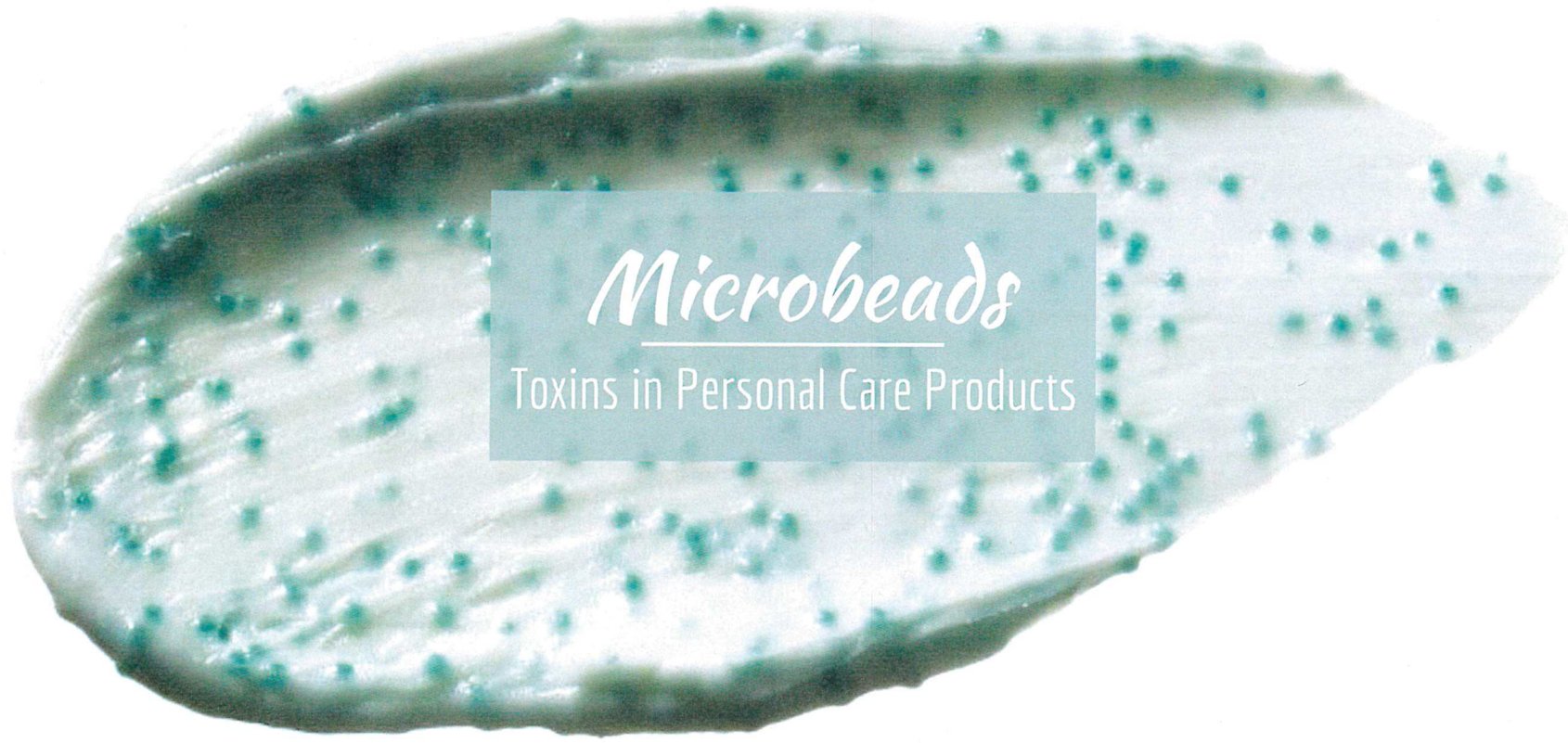


Agenda Item 2
Date May 10, 2018



Microbeads
Toxins in Personal Care Products

MARIN
SCHOOL OF
ENVIRONMENTAL
LEADERSHIP

Educate our community on
microbeads and their natural
alternatives



What are Microbeads?



The background of the slide is a close-up photograph of numerous small, spherical microbeads. Most are white, but there are several teal-colored beads scattered throughout. The beads are densely packed, creating a textured, granular appearance.

Dictionary
mi·cro·beads

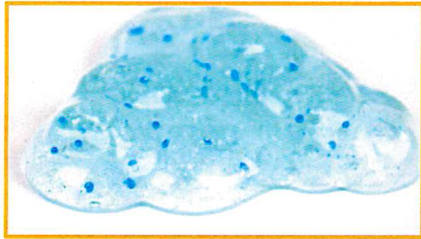
noun

noun: **microbead**

1. extremely small pieces of plastic, used especially in cleansing products as exfoliating agents.

Ex: "a single bottle of facial scrub can contain as many as 300,000 microbeads"

Microbeads' Purpose



Cost

- Affordable
- Space-filler

Aesthetic Appeal

- Dyed
- Size-altered

Feel

- "Exfoliant"
- "Deep-clean"
- "Cleansing"

Environment

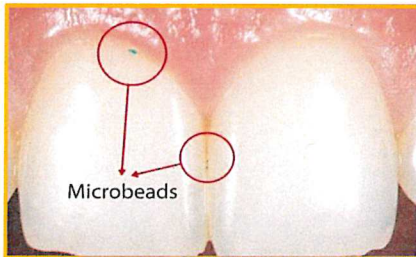
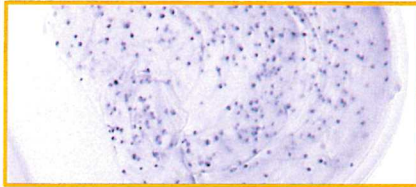


Extremely toxin-absorbent

Consumed by marine life

Enter our seafood

Human Health Effects

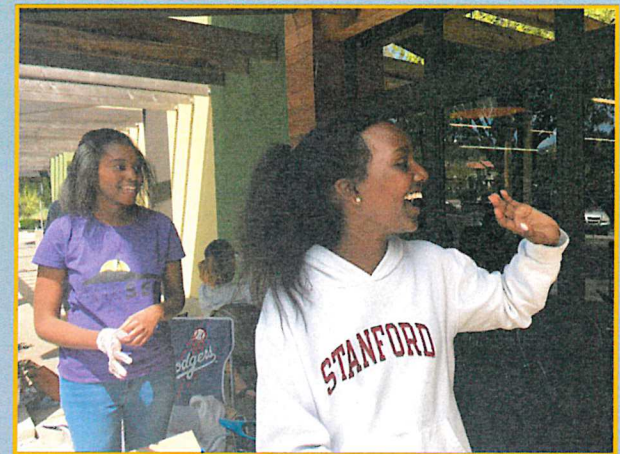


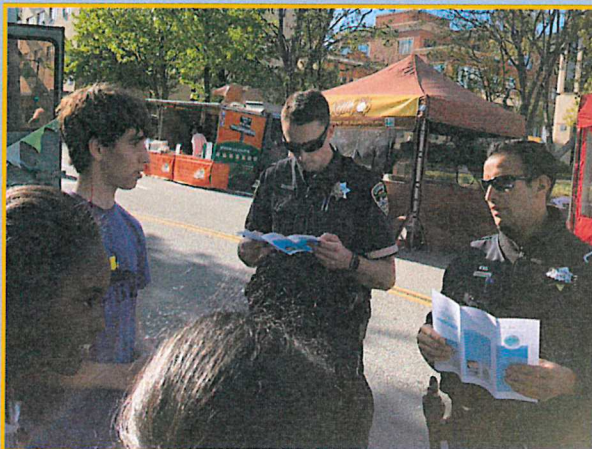
- *Beauty Products*- clogged pores
- *Toothpastes*- bleeding gums
- *Seafood*- cancer, immune system dysfunction

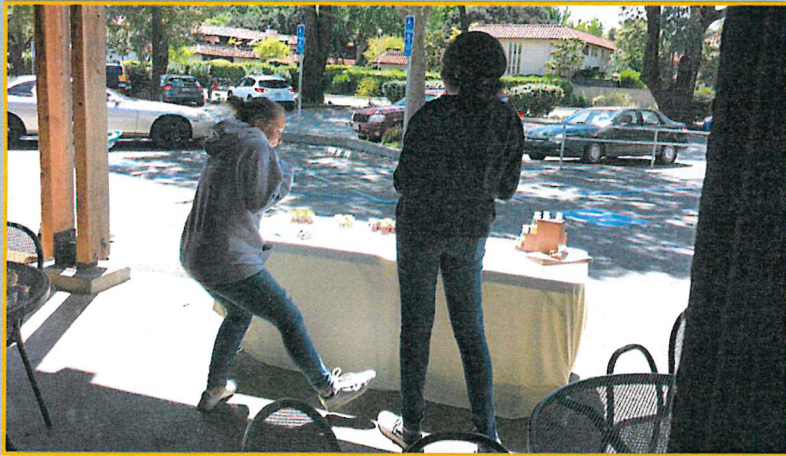
Other Toxins



- Loose regulations
- Immunity/reproductive issues, cancer, & hormonal imbalance
- Stays 50 years in environment

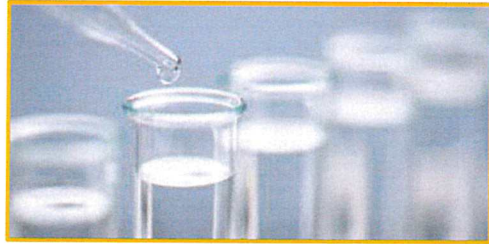








Future Goals



- Updated Bay Water Tests
 - Large kits \$50-\$150
- Homemade Microbead Filters
- Further education with different audiences

Thank You Any Questions?

