How Safe Are Our Homes?
Inhalant Abuse
Inhalant Abuse

• > 22 million Americans have admitted use

• 750,000 use inhalants for the first time each year

• 1 in 5 8th graders will have used inhalants

• Most frequently abused substance by 12 – 13 year olds
Inhalant Abuse
Inhalant Abuse
Caffeine
<table>
<thead>
<tr>
<th>Product</th>
<th>Mg Caffeine Per Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Bull®</td>
<td>80</td>
</tr>
<tr>
<td>Monster Energy®</td>
<td>160</td>
</tr>
<tr>
<td><strong>Cocaine®</strong></td>
<td>280</td>
</tr>
<tr>
<td>Sobe Energy®</td>
<td>80</td>
</tr>
<tr>
<td>Coca-Cola®</td>
<td>34.5</td>
</tr>
<tr>
<td>Starbucks® Coffee (short)</td>
<td>180</td>
</tr>
<tr>
<td>Coffee</td>
<td>80</td>
</tr>
<tr>
<td><strong>RedLine Power Rush®</strong></td>
<td>350</td>
</tr>
<tr>
<td>Full Throttle®</td>
<td>144</td>
</tr>
<tr>
<td>Rockstar®</td>
<td>160</td>
</tr>
<tr>
<td>Kickers 80 Hour Energy Spray®</td>
<td>?? (237 mg proprietary blend)</td>
</tr>
</tbody>
</table>
Caffeine
Energy Drinks & Alcohol

• People feel “less” drunk

• People DO NOT act any “less” drunk

• Take more risks because they feel “less” drunk

• More likely to drink more frequently
Caffeine
Beware of....the Nutmeg?
Nutmeg
What’s in your medicine cabinets?

• Prescription medications
  • Opioid prescriptions (eg: hydrocodone)
  • Benzodiazepines (eg: Xanax)

• Non-prescription medications
  • Cough and Cold products
  • Acetaminophen
  • Aspirin
  • Loperamide

• Endless opportunities!!
Dextromethorphan
Dextromethorphan
Dextromethorphan
Loperamide
Loperamide
Loperamide Relative Interest
Final Thoughts

• Be aware of behaviors and abnormal behaviors
• Recognize the household products that can be abusable
• Talk to your kids!
• Dispose of unwanted/unused medications
• Poison Center
  • 1-800-222-1222
New on your Block
Synthetic Opioid Deaths

CDC Wonder. Multiple Cause of Death Data. 1999-2017
PHOENIX (3TV/CBS 5) - A Phoenix man has been arrested after police reportedly found 30,000 fentanyl (fake Oxy) pills in his car.

Rosendo Ortiz, Jr., 27, faces multiple charges including conspiracy, possession of narcotic drugs for sale and misconduct involving weapons.

Police say on August 13, they got a tip about a possible drug deal going down near Food City near 91st Avenue and Thomas.

Investigators say they watched as Ortiz allegedly met with a courier, and that the courier handed over several packages to Ortiz.

Police then stopped Ortiz several blocks away for a traffic violation. When police searched his car, they reportedly found four packages containing about 30,000 fentanyl pills and a loaded gun.

“This massive seizure removed thousands of potentially lethal doses of this powerful narcotic off the streets,” said Doug Coleman, Special Agent in Charge of DEA in
Kratom Interest in the United States
Spike Nation

Cheap, unpredictable and hard to regulate, synthetic marijuana has emergency responders scrambling to save lives.

By STEVE FEATHERSTONE   JULY 8, 2015
CANNABIS & SYNTHETIC CANNABINOIDs

In recent years, the use of synthetic cannabinoids as a substitute for cannabis has been on the increase. However, there is also some concern about their potential effects on users. This graphic looks at what synthetic cannabinoids are, how they can be classified, and some of the effects that they can have.

CANNABIS & CANNABINOIDs

Cannabis contains a large number of different cannabinoid chemicals. The main psychoactive constituent in cannabis is the cannabinoid tetrahydrocannabinol (THC). It acts on cannabinoid receptors in the brain, causing a range of psychological effects.

SYNTHETIC CANNABINOIDs & THEIR EFFECTs

SYNTHESIS
First synthesised in labs in the 1980s for research purposes.

ILICIT USE IN 'SPICE'
Sprayed onto dried herbs then smoked or ingested.

HIGH POTENCY
Synthetic cannabinoids can be much more potent than THC.

SERIOUS SIDE EFFECTS
Adverse effects are often much more severe than for THC.

SELECTED CLASSES OF SYNTHETIC CANNABINOIDs

CLASSICAL
(structure similar to THC)

AMINALKYLINDOLEs
(number of subgroups)

NON-CLASSICAL
(e.g., cyclohexylphenols)

BICYCLIC INDOLINES
(e.g., WIN 55,212-2)

NAPHTHALENEINDOLINES
(e.g., JWH-015)

PHENYLACETYLINDOLEs
(e.g., JWH-200)

BREDOINDOLEs
(e.g., K2-47)

Synthetic cannabinoids can be classified in a number of ways. Broadly, they can be split into three groups: classical cannabinoids, which are structurally related to THC; aminalkylindoles, the most numerous, which can be further split into a number of subclasses; and non-classical, including cyclohexylphenols and other compounds. Other classifications split them into further groups. A group not shown here is the erucanoids.

A number of the compounds have 'code names'. JWH stands for John W. Huffman, who synthesised many new cannabinoids. Others have more obscure origins; AKB-48 is named after a Japanese girl band, whilst XL-11 is named after the first liquid rocket fuel developed in the US.
Percent of Students Reporting Use of Synthetic Cannabinoids in Past Year, by Grade

SOURCE: University of Michigan, 2016 Monitoring the Future Study