SAFETY DATA SHEET

1. IDENTIFICATION

For treatment and repair of livestock hooves.
Jorgensen Laboratories
1450 Van Buren Avenue
Loveland, Co. 80538

Phone: (970) 669-2500 or (800) 525-5614 Fax: (970) 663-5042
Emergency Phone Number: U.S. and Canada (800) 535-5053
International: (352) 323-3500 (INFOTRAC)

TECHNOVIT POWDER

Product Codes: J-61PB, J-61PA
Date: April 2, 2015

2. HAZARD(S) IDENTIFICATION...

For Polymers:

Eyes:
OSHA classifies this material as particulates, not otherwise classified.
May be irritated by gross overexposure, no
Matter how generated. Keep dust out of eyes.

Skin:
May be irritated by gross overexposure, no
Matter how generated. May cause dryness.

Respiratory tract:
May be irritated by gross overexposure, no
Matter how generated.

For Calcium Carbonate:

eyes:
May cause mild irritation including watering.

Respiratory tract:
Can be irritating, with symptoms including sneezing and nasal irritation.

Ingestion:
If the quantity is large, it may cause intestinal obstruction and/or
constipation.

For Benzoyl Peroxide:

Acute hazards:

Eyes:
May cause severe irritation or damage.

Skin:
Non-irritating, although allergies have been noted in humans and guinea
pigs.

Inhalation:
May cause irritation of nose, throat and lungs.

Ingestion:
Considered to be non-toxic. May produce muscular weakness.

Chronic hazards: Skin:

Non-irritating. Prolonged and/or repeated skin contact may cause
irritation, defatting, dermatitis and sensitization. Repeated application
with a known carcinogen has enhanced skin tumors in mice.

Ingestion:
Long term dietary administration showed increased testicular atrophy in
rats.

CARCINOGENICITY:

Ethyl Acrylate is listed as a suspected human
carcinogen by IARC, NTP, and ACGIH based on
animal studies. NIOSH lists Ethyl Acrylate as a
carcinogen without comment. IARC lists Benzoyl
Peroxide as not classifiable as to carcinogenicity to
humans. Calcium Carbonate contains crystalline silica
as a minor impurity. Crystalline silica is listed by IARC
as a pulmonary carcinogen in humans. None of the
other components of this material are listed by IARC,
NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY:

Inhalation, Skin or Eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS NUMBER</th>
<th>%</th>
</tr>
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<tbody>
<tr>
<td>Poly(methyl methacrylate/ethyl Acrylate)</td>
<td>9010-88-2</td>
<td>&gt;74.5</td>
</tr>
<tr>
<td>Ethyl Acrylate</td>
<td>140-88-5</td>
<td>&lt; .37</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>1317-65-3</td>
<td>13.7</td>
</tr>
<tr>
<td>Benzoyl Peroxide</td>
<td>94-36-0</td>
<td>3.04</td>
</tr>
</tbody>
</table>
C9-11 branched Alkyl Benzoate 131298-44-7 3.23
Water 7732-18-5 .91
Silicon Dioxide 68909-20-6 .19
Zinc Stearate 557-05-1 .114
Black Iron Oxide 1309-38-2 .096

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:
EYES: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.
INGESTION: Rinse mouth out with water. Call doctor if amount was large.
INHALATION: Remove to fresh air. Get medical help if discomfort persists.
SKIN: Wash with soap and water. Get medical help if discomfort persists.
CLOTHING: Remove contaminated clothing. Wash thoroughly before reuse.
TREATMENT: Treat symptoms conventionally, after thorough decontamination.

5. FIRE FIGHTING MEASURES

FLASH POINT: 304 C, 580 F
EXTINGUISHER METHOD: Water, Carbon Dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS: Polymer dust is combustible. The Explosive limits of the polymer Particles suspended in air are Approximately those of coal dust.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust into the air.
SENSITIVE TO STATIC DISCHARGE: Yes.

6. ACCIDENTAL RELEASE MEASURES

Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.

7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use in well ventilated areas. Avoid Contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.
PRECAUTIONS FOR STORAGE: Store in cool dry place away from incompatible materials. Keep container tightly closed.
INDUSTRIAL HYGIENE PRACTICES: Wash face and hands thoroughly with water after use and before eating, drinking, smoking or applying cosmetics.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Use in open area or with good ventilation.
RESPIRATORY PROTECTION: Use type for particulates not otherwise classified, if needed.
EYE PROTECTION: Safety glasses.
INDUSTRIAL HYGIENE PRACTICES: Wash face and hands thoroughly with soap and water after use and before eating, drinking, smoking or applying cosmetics.
9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Fine gray powder.
ODOR: Faint odor in bulk.
SPECIFIC GRAVITY (H2O=1): 1.25
SOLUBILITY IN WATER: Insoluble

10. STABILITY AND REACTIVITY

INCOMPATIBILITY(Avoid): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate Monomer and Oxides of Carbon when burned.
HAZARDOUS POLYMERIZATION: Will not occur
STABILITY: Stable

11. TOXICOLOGICAL PROPERTIES

TARGET ORGANS
For Polymer: None listed.
For Calcium Carbonate: None listed.
For Benzoyl Peroxide: Skin and Eyes.

SENSITIVITY DATA:
For Benzoyl Peroxide: Severe irritation.
   Eyes: Rabbit: Severe irritation.
   Skin: Rabbit: Non-irritating/4H.

MUTAGENICITY DATA:
For Polymer: None listed.
For Benzoyl Peroxide:
   Human Cell Types: DNA Damage: 100 u mol/L.
   Mouse Cell Types: DNA Damage: 1 u mol/L.
   Human Cell Types: DNA Inhibition: 56 u mol/L.
   Rat Liver: Unscheduled DNA Synthesis: 100 p mol/L.
   Human Cell Types: Test Systems Other: 56 u mol/L.

REPRODUCTIVE TOXICITY DATA:
For Polymer: None listed.

TUMOROGENIC DATA:
For Polymer: None listed.
For Benzoyl Peroxide:
   Skin Mouse: LDLo: 24 gm/kg/30W.

TOXICITY DATA:
For Polymer: None listed.
For Limestone: None listed.
For Benzoyl Peroxide:
   Inhalation Rat: LC50: 24.3 mg/L/4hr.
   Intraperitoical Mouse: LDLo: 250 mg/kg.
   Oral Rat: LD50: 7710 mg/kg.

13. DISPOSAL CONSIDERATIONS

WASTE DOSPOSAL METHOD: Dispose in a landfill.

14. TRANSPORTATION

DOT/UN shipping name: Synthetic Gum Resin Granular, Noibn
16. OTHER INFORMATION

Issue Date: April 2, 2015
Reason for revision: Updated to comply with Revised Hazard Communication Standard (HCS)
By Dale Peterson, Chemist

Disclaimer

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), THE COMMONWEALTH OF PENNSYLVANIA REGULATIONS (TITLE 34, CHAPTERS 301-323) AND CANADIAN WHMIS REGULATIONS. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.