

**SAFETY DATA SHEET**  
**SECTION 1**

Product Identifier: **Robby's Sure Release**  
Supplied By: Strikeforce Bowling LLC  
2020 Indian Boundary Drive

Melrose Park, IL 60160

EMERGENCY TELEPHONE NUMBER: Call CHEMTREC at 1-800-424-9300 24 hours a day, weekends, and holidays. For general information 8 a.m.-5 p.m. Central, dial 931-380-2092.

REVISION DATE: March 26, 2018 (2)

HMIS: ACUTE HEALTH=2 FIRE=4 REACTIVITY=2 PROTECT EQUIP=D

Hazard Rating: 0=least 1=slight 2=moderate  
3=high 4=extreme

**SECTION 2 - HAZARDOUS INGREDIENTS**

<u>Component</u>	<u>CAS#</u>	<u>OCCUPATIONAL TLV/PEL/STEL</u>	<u>WEIGHT %</u>	<u>Vapor Press mm Hg @ Tem</u>
Cellulose Nitrate	9004-70-0		<5.0%	
Ethanol	64-17-5	1000 ppm	25	47.0 @ 68
Ethyl Ether	60-29-7	400 ppm	70	442.0 @ 68

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. All components contained in this product are TSCA registered.

DOT DESCRIPTION: Nitrocellulose, solution, flammable, 3, UN2059, PG II

**SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS**

BOILING/MELTING POINT: Above 96 Deg. F  
EVAPORATION RATE: Slower than Ether  
VAPOR PRESSURE mm Hg @ 20 c: Nil  
VAPOR DENSITY: Heavier than air  
SPECIFIC GRAVITY: 0.8  
COEFF. WATER/OIL DIST: N/P  
SOLUBILITY IN WATER: Slight  
COATING VOC: 5.99 lb/gal (690 g/l)  
MATERIAL VOC: 5.99 lb/gal (690 g/l)  
VISCOSITY: N/A  
APPEARANCE & ODOR: Ether/alcohol

**SECTION 4 - PHYSICAL HAZARDS**

FLASH POINT (T.C.C.): -49.0 deg F

AUTOIGNITION TEMPERATURE: N/A

FLAMMABILITY LIMITS IN AIR (BY VOLUME):

LOWER: 1.9

UPPER: 36

MEANS OF EXTINCTION: Extinguish fires with CO<sub>2</sub>, water (fog), foam, or dry chemical. Cool fire-exposed metal containers with water spray.

SPECIAL FIREFIGHTING PROCEDURES: Keep containers in storage cool with water to prevent pressure build up and bursting. Self-contained breathing apparatus should be worn to protect firefighters from toxic degradation products.

UNUSUAL FIRE & EXPLOSION HAZARDS: Dry nitrocellulose resin is extremely flammable and burns explosively. Avoid friction and impact to any quantity or dry resin. Burning rate increases with quantity and confinement. Product contains ether, extremely flammable. Toxic degradation products include: oxides of nitrogen, CO and CO<sub>2</sub>. Dense toxic smoke is formed when material burns.

### **SECTION 5 - REACTIVITY DATA**

CHEMICAL STABILITY: YES

CONDITIONS TO AVOID: Heat, sparks, sources of ignition, open flames

INCOMPATIBILITY WITH OTHER PRODUCTS: Avoid contamination with strong oxidizing agents, strong acids, strong bases, certain amines. Do not allow film to come in contact with dryers unless under agitation.

HAZARDOUS POLYMERIZATION: Will not occur

### **SECTION 6 - HEALTH HAZARD DATA**

#### INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Headache, lethargy, drowsiness, weakness, difficulty walking, personality change, poor appetite, nausea, and weight loss.

#### SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Vapor irritating to the eyes, nose and throat. Liquid irritating to the eyes.

Prolonged absorption of material through skin could cause damage to blood, kidneys and nervous system.

NOT CONSIDERED A CARCINOGEN BY ACGIH < NTP OR IARC

EMERGENCY FIRST AID PROCEDURES: Inhalation - remove to fresh air; if not breathing, give artificial respiration; if breathing difficult, give oxygen.

Eye or skin contact - immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention.

THIS PRODUCT DOES NOT CONTAIN ANY SUSPECTED CARCINOGENS ACCORDING TO ACHIH

### **SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE OF RELEASE OF SPILL: Eliminate all sources of ignition and keep hot metal surfaces isolated from spill. Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts of spilled material may be absorbed into appropriate absorbent.

WASTE DISPOSAL METHOD: Dispose of used product and absorbent in compliance with applicable local, county, state, and federal regulations regarding health and environment.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep containers tightly closed, cool, dry and away from sources of heat, sparks, and ignition

#### OTHER PRECAUTIONS

Use only non-sparking tools. Ground all containers before transferring material

### **SECTION 8 - CONTROL MEASURES**

**PERSONAL PROTECTION EQUIPMENT:**

**GLOVES:** Chemically inert  
**RESPIRATION:** Depends on vapor concentration above the time-weighted TLV; use of NIOSH approved cartridge respirator or gas mask. General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted TLV ranges.  
**EYE:** Chemical goggles, splash- proof face-shield  
**FOOTWEAR:** Rubber boots w/ non-slip tread  
**OTHER:** Apron; Eye washes and safety showers are recommended

**SECTION 9 - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep products and containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Keep containers closed when not in use.

**OTHER PRECAUTIONS**

Avoid inhalation of vapors and personal contact with product. Should contact be made, remove saturated clothing and flush affected areas with water. Clean up material that has dried by using non-sparking tools or washing with solvent.

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