1. IDENTIFICATION

PRODUCT NAME: Transom® 4.5 F
DESCRIPTION: A liquid fungicide
EPA Reg. No.: 72112-2

COMPANY IDENTIFICATION:
PROKōZ, Inc.
1720 Windward Concourse, Suite 150
Alpharetta, GA 30005

2. HAZARD IDENTIFICATION

WARNING
Harmful if swallowed or inhaled
Causes skin and eye irritation
May cause damage to organs (liver and thyroid) through prolonged or repeated exposure
Toxic to aquatic life with long lasting effects

HAZARD CLASSIFICATION

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Category</th>
<th>Environmental Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity, Oral</td>
<td>4</td>
<td>Hazardous to Aquatic Environment, Acute</td>
<td>2</td>
</tr>
<tr>
<td>Acute Toxicity, Inhalation</td>
<td>4</td>
<td>Hazardous to Aquatic Environment, Chronic</td>
<td>2</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>2B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Target Organ Toxicity, Repeated</td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PRECAUTIONARY STATEMENTS
Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. If swallowed: Call a poison control center or doctor if you feel unwell. Rinse mouth.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention.
Wear protective gloves / eye protection / face protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice / attention. Take off contaminated clothing and wash before reuse.
Avoid breathing mists / vapors / spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.
Avoid release to the environment. Collect spillage.
Dispose of contents / container in accordance with local / regional / national / international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thiophanate-Methyl</td>
<td>Dimethyl [(1,2:phenylene)bis-(iminocarbonothioyl)]bis[Carbamate]</td>
<td>23564-05-8</td>
<td>46.2%</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td></td>
<td>57-55-6</td>
<td>&lt; 10%</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

5. FIREFIGHTING MEASURES

**Flash Point:** Not combustible (aqueous formulation).

**Fire and Explosion Hazards:** Thermal decomposition may produce toxic fumes (see Section 10).

**Extinguishing Medium:** Use one of the following extinguishing media as appropriate for the surrounding materials: Water fog, foam, dry chemical or carbon dioxide (CO₂).

**Fire Fighting Equipment:** Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

**Fire Fighting Instructions:** Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

**NFPA Ratings:** Health – 1 / Flammability – 1 / Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate area and keep unnecessary and unprotected personnel from entering. Wear suitable personal protective clothing and equipment as described in Section 8 of this document.

**Environmental Precautions:** Control spill at the source and prevent material from entering soil, sewers, waterways or low areas. Large spills to soil or similar surfaces may require removal and disposal of topsoil. Contain contaminated water / firefighting water.

**Spill Cleanup:** Pump free liquid into suitable closed containers for disposal. After decontamination, spill area can be washed with water. Collect washwater for approved disposal. Decontaminate tools and equipment following cleanup.

7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Storage:** Store in the original container in a dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur.

If spilled during storage or handling, absorb with sand or other inert material and dispose of absorbent in accordance with the instructions in Section 13.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Protective Clothing: Wear long-sleeved shirt, long pants, shoes, socks, chemical-resistant gloves made of any waterproof material, and a chemical resistant apron when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Off-white liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial Boiling Point and Boiling Range</td>
<td>No data available</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>No data available (aqueous solution)</td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/Lower Flammability Limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>1.208 g/ml (9.75 lbs/gal)</td>
</tr>
<tr>
<td>pH</td>
<td>5.08</td>
</tr>
<tr>
<td>Solubility</td>
<td>Dispersible</td>
</tr>
<tr>
<td>Viscosity</td>
<td>275.358 cSt @ 20°C and 146.736 cSt @ 40°C</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Excessive heat.
CHEMICAL STABILITY: Stable under all normal use and storage conditions.
INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing agents: bases and acids.
HAZARDOUS DECOMPOSITION PRODUCTS: This product is chemically stable and no hazardous reactions should occur if stored and handled as prescribed / indicated. When thermally decomposed, may release oxides of carbon, nitrogen and sulfur.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY (rat LD₅₀): > 5,000 mg/kg
DERMAL TOXICITY (rat LD₅₀): > 5,000 mg/kg
INHALATION TOXICITY (rat LC₅₀): > 2.05 mg/L (4-hour)
EYE IRRITATION: Mildly irritating
SKIN IRRITATION: Slightly irritating
SKIN SENSITIZATION: Not a contact sensitizer
SUBCHRONIC (Target Organ) Effects: Repeated overexposure to thiophanate methyl may cause mild anemia and affect the liver and thyroid. Overexposure to propylene glycol has been associated with kidney toxicity, liver toxicity (animals) and lactic acidosis. Very high-dose acute exposure may result in central nervous system and cardiac effects.
CARCINOGENICITY:
EPA: Not Listed
ACGIH: Not Listed NTP: Not Listed
IARC: Not Listed OSHA: Not Listed
MUTAGENIC TOXICITY: No evidence of mutagenic effects during in vivo and in vitro assays.
REPRODUCTIVE TOXICITY: Not known to cause reproductive or birth defects at normal exposure levels.
12. ECOLOGICAL INFORMATION

Runoff may be hazardous to aquatic organisms. Do not contaminate water when disposing of equipment washwater or rinsate.

The following information is for the active ingredient, Thiophanate-methyl:

AQUATIC TOXICITY
Bluegill (96-hour LC₅₀): > 41 ppm
Rainbow Trout (96-hour LC₅₀): 8.3 ppm
Daphnia (48-hour EC₅₀): 5.4 ppm
Mysid (96-hour LC₅₀): 1.1 ppm

AVIAN TOXICITY
Bobwhite Quail (LC₅₀): > 10,000 ppm
Mallard Duck (LD₅₀): 4,640 mg/kg

OTHER TOXICITY
Honey Bee (LD₅₀): > 100 µg/bee

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: DO NOT contaminate water, food or feed by disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Refer to the product label for specific container disposal instructions.

14. TRANSPORT INFORMATION

US DOT (shipped by ground):
Containers < 2 Gallons
Not regulated by DOT.

Containers ≥ 2 Gallons and < 119 Gallons
UN 3082, Environmentally Hazardous Substance, Liquid, N.O.S (thiophanate-methyl), 9, III, RQ
Marine Pollutant: No

Containers ≥ 119 Gallons
UN 3082, Environmentally Hazardous Substance, Liquid, N.O.S (thiophanate-methyl), 9, III, RQ, Marine Pollutant
Marine Pollutant: Yes

IMDG (shipped by vessel):
UN 3082, Environmentally Hazardous Substance, Liquid, N.O.S (thiophanate-methyl), 9, III, Marine Pollutant

IATA (shipped by air):
UN 3082, Environmentally Hazardous Substance, Liquid, N.O.S (thiophanate-methyl), 9, III, Marine Pollutant
15. REGULATORY INFORMATION

FIFRA –
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS
KEEP OUT OF REACH OF CHILDREN. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing.

Environmental Hazards
Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

SARA Title III – Section 302 Extremely Hazardous Substances
Not listed

SARA Title III – Section 311/312 Hazard Categories
Immediate, delayed

SARA Title III – Section 312 Threshold Planning Quantity
The threshold planning quantity (TPQ) for this product treated as a mixture is 10,000 lbs. This product contains no ingredients with a TPQ of less than 10,000 lbs.

SARA Title III – Section 313 Reportable Ingredients
Thiophanate-methyl (46.2%) – CAS No. 23564-05-8

CERCLA Reportable Quantity (RQ) –
Thiophanate-methyl: 10 lbs. (2.2 gallons of this product)

CALIFORNIA PROP 65 STATUS –
This product contains a chemical (thiophanate-methyl) known to the state of California to cause developmental effects in both males and females.

CANADA –
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

16. OTHER INFORMATION

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

To the extent consistent with applicable law, neither PROKōZ, Inc. nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ARGITE, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ARGITE, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SDS Version: 2.0 Effective Date: 7/25/17