

## SAFETY DATA SHEET

# PATCHER PASTE

## PART A

### 1. PRODUCT IDENTIFICATION

<b>TRADE NAME (AS LABELED):</b>	PATCHER PASTE
<b>SUPPLIER/MANUFACTURER'S NAME:</b>	LEGGARI PRODUCTS, LLC
<b>ADDRESS:</b>	3105 E AINSWORTH AVE WAREHOUSE 5, BAY 2 PASCO, WA 99301
<b>INFORMATION TELEPHONE:</b>	800-250-4519
<b>EMERGENCY TELEPHONE:</b>	800-424-9300

### 2. HAZARD(S) IDENTIFICATION

#### GHS RATINGS

Skin Corrosive	2	Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
Skin Sensitizer	1	Skin Sensitizer

#### GHS HAZARDS

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H340	May cause genetic defects
H350	May cause cancer

#### GHS PRECAUTIONS

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray
P264	Wash thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P321	Specific treatment (see on this label)
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container to ...

**SIGNAL WORD: DANGER**



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Bisphenol A-epichlorohydrin polymer	25068-38-6	70.00% - 80.00%
Oxirane, mono[(C12-13-alkyloxy)methyl] derivatives	120547-52-6	10.00% - 20.00%
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	1.00% - 5.00%
Naphtha, petroleum, heavy alkylate	64741-65-7	0.10% - 1.00%
Stoddard solvent	8052-41-3	0.10% - 1.00%

### 4. FIRST AID MEASURES

#### FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**INGESTION:** If swallowed, get medical attention.

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

### 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Isolate from heat, electrical equipment, sparks and open flame. Vapors can travel to a source of ignition and flash back. Vapors may form explosive mixtures with air. No unusual fire or explosion hazards noted.

Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion. Evacuate area and fight fire from a safe distance. Use water spray to keep fireexposed containers cool. Containers may explode when heated.

### 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Eliminate all ignition sources; use explosion-proof equipment. Place material in container and dispose of according to local, provincial, state and federal regulations. Dispose

of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools.

## 7. HANDLING AND STORAGE

**PRECAUTION FOR SAFE HANDLING:** Remove all sources of ignition, including flames, heat, and sparks. Take precautionary measures against static discharges. Ground and bond containers and equipment before transferring to avoid static sparks.

**CONDITIONS FOR SAFE STORAGE:** Store in cool, dry, well-ventilated area. Use with adequate explosion proof ventilation, isolate from sources of heat, sparks or flames. Extinguish all sources of ignition include remote pilot and lights. Maybe harmful is swallow or inhaled.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Bisphenol A-epichlorohydrin polymer 25068-38-6	Not Established	Not Established	Not Established
Oxirane, mono[(C12-13-alkyloxy)methyl] derivatives 120547-52-6	Not Established	Not Established	Not Established
Phenol, polymer with formaldehyde, glycidyl ether 28064-14-4	Not Established	Not Established	Not Established
Naphtha, petroleum, heavy alkylate 64741-65-7	Not Established	Not Established	Not Established
Stoddard solvent 8052-41-3	500 ppm TWA; 2900 mg/m <sup>3</sup> TWA	100 ppm TWA	NIOSH: 350 mg/m <sup>3</sup> TWA 1800 mg/m <sup>3</sup> Ceiling (15 min)

### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**SKIN PROTECTION:** Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid	Odor : N/A
Odor threshold : N/A	PH : N/A
Melting point : N/A	Boiling point : N/A
Flash Pt (F/C) : N/A	Evaporation rate : Slower than ether
Flammability (solid, gas) : Non combustible liquid	LEL/UEL : N/A
Vapor pressure : N/A	Vapor density : 4.6
Relative density : 1.14	Viscosity: N/A
Partition coefficient:n- N/A octanol/water :	Autoignition temp : N/A
Decomposition temp : N/A	Solubility : N/A

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Avoid all possible sources of ignition. Avoid temperatures above 120 °F. Avoid contact with strong acid and strong bases.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalis.

**HAZARDOUS DECOMPOSITION:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents, which may form carbon monoxide, carbon dioxide, and formaldehyde.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### MIXTURE TOXICITY

Component Toxicity

Exposure to this material may affect the following organs:

### Effects of Overexposure

**EYE CONTACT:** Causes eye irritation. Substance causes moderate eye irritation.

**SKIN CONTACT:** May cause sensitization. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Severely irritating; may cause permanent skin damage. May cause allergic reaction. Prolonged or repeated skin contact may cause irritation. Substance may cause slight skin irritation.

**CHRONIC HAZARDS:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

**INHALATION:** Harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Prolonged or excessive inhalation may cause respiratory tract irritation.

**INGESTION:** Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage. Irritating to the nose, throat and respiratory tract.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, and Skin Contact.

## 12. ECOLOGICAL INFORMATION

### COMPONENT ECOTOXICITY

Naphtha,petroleum, heavy alkylate 48 Hr LC50 Mysidopsis bahia: 2 mg/L  
72 Hr EC50 Pseudokirchneriella subcapitata: 30000 mg/L

## 13. DISPOSAL CONSIDERATION

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to entering waterways, wastewater, soil, storm drains or sewer systems.

## 14. TRANSPORT INFORMATION

This material is classified for transport as follows:

<u>AGENCY</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint Related Material	UN3066	III	8

## 15. REGULATORY INFORMATION

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!  
This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

**CERCLA-SARA Hazard Category:** This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

- None

**Sara Section 313:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

- None

## 16. OTHER INFORMATION

### HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

<b>HEALTH</b>	<input type="text" value="2"/>	<b>HMIS &amp; NFPA Hazard Rating</b> <b>Legend</b> * = Chronic Health Hazard <b>0 = INSIGNIFICANT</b> <b>1 = SLIGHT</b> <b>2 = MODERATE</b> <b>3 = HIGH</b>
<b>FLAMMABILITY</b>	<input type="text" value="1"/>	
<b>PHYSICAL HAZARD</b>	<input type="text" value="1"/>	
<b>PERSONAL PROTECTION</b>	<input type="text" value="X"/>	

Leggari Products, LLC believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Leggari Products, LLC makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

## SAFETY DATA SHEET

# PATCHER PASTE

## PART B

### 1. PRODUCT IDENTIFICATION

<b>TRADE NAME (AS LABELED):</b>	PATCHER PASTE
<b>SUPPLIER/MANUFACTURER'S NAME:</b>	LEGGARI PRODUCTS, LLC
<b>ADDRESS:</b>	3105 E AINSWORTH AVE WAREHOUSE 5, BAY 2 PASCO, WA 99301
<b>INFORMATION TELEPHONE:</b>	800-250-4519
<b>EMERGENCY TELEPHONE:</b>	800-424-9300

### 2. HAZARD(S) IDENTIFICATION

#### GHS RATINGS

Oral Toxicity	Acute Tox 4	Oral>300+<=2000mg/kg
Skin Corrosive	1B	Destruction of dermal tissue: Exposure < 1 hour Observation < 14 days, visible necrosis in at least one animal
Eye Corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Skin Sensitizer	1	Skin Sensitizer

#### GHS HAZARDS

H227	Combustible liquid
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage

#### GHS PRECAUTIONS

P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
P235	Keep cool
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician

P321	Specific treatment (see ... on this label)
P330	Rinse mouth
P363	Wash contaminated clothing before reuse
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P370+P378	In case of fire: Use for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to ...

## SIGNAL WORD: DANGER



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Benzyl alcohol	100-51-6	30.00% - 40.00%
Isophorone diamine	2855-13-2	30.00% - 40.00%
Trimethylhexamethylenediamine	25620-58-0	5.00% - 10.00%

## 4. FIRST AID MEASURES

### FIRST AID MEASURES FOR DIFFERENT EXPOSURE ROUTES

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**INGESTION:** If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cups full of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

**Aspiration hazard:** Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

## 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustion generates toxic fumes of carbon monoxide, carbon dioxide and other gases. No unusual fire or explosion hazards noted. Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame.

**SPECIAL FIREFIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance. Water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**FOR NON-EMERGENCY PERSONNEL:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**FOR EMERGENCY RESPONDERS:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**ENVIRONMENTAL PRECAUTIONS:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

**SMALL SPILL:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**LARGE SPILL:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, watercourses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows . Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**PROTECTIVE MEASURES:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Approach release from upwind. Prevent entry into sewers, watercourses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows . Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate . Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved



alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink . Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**ADVICE ON GENERAL OCCUPATIONAL HYGIENE:**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Benzyl alcohol 100-51-6	Not Established	Not Established	Not Established
Isophorone diamine 2855-13-2	Not Established	Not Established	Not Established
Trimethylhexamethylenedia mine 25620-58-0	Not Established	Not Established	Not Established

### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**SKIN PROTECTION:** Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Viscous	Odor : Ammonia like
Odor threshold : N/A	PH : N/A
Melting point : N/A	Boiling point : 205°C
Flash Pt (F/C) : 214°F, 101°C	Evaporation rate : N/A
Flammability (solid, gas) : Combustible liquid	LEL/UEL : N/A
Vapor pressure : 0.018 mmHg	Vapor density : 4.8
Relative density : 1.04	Solubility : N/A
Partition coefficient:n- N/A octanol/water :	Autoignition temp : 436°C
Decomposition temp : N/A	Viscosity: N/A

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Avoid all possible sources of ignition. Avoid temperatures above 120 °F. Avoid contact with strong acid and strong bases.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalis.

**HAZARDOUS DECOMPOSITION:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents, which may form carbon monoxide, carbon dioxide, and formaldehyde.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### MIXTURE TOXICITY

Oral Toxicity LD50: 1,469mg/kg

Inhalation Toxicity LC50: 25mg/L

### COMPONENT TOXICITY

100-51-6 Benzyl alcohol  
Oral LD50: 1,230 mg/kg (Rat) Dermal LD50: 2 g/kg (Rabbit) Inhalation LC50: 9 mg/L (Rat)

2855-13-2 Isophorone diamine  
Oral LD50: 1,030 mg/kg (Rat)

25620-58-0 Trimethylhexamethylenediamine  
Oral LD50: 910 mg/kg (Rat)

Exposure to this material may affect the following organs:

### Effects of Overexposure

**EYE CONTACT:** Causes eye irritation. Substance causes moderate eye irritation.

**INHALATION:** High vapor concentrations are irritating to the eyes, nose, throat and lungs . Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled . Avoid breathing fumes, spray, vapors, or mist. Prolonged or excessive inhalation may cause respiratory tract irritation.

**SKIN CONTACT:** May be absorbed through the skin in harmful amounts. Contact causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Causes skin irritation. Allergic reactions are possible.

**INGESTION:** Can burn mouth, throat and stomach. Aspiration hazard if swallowed; can enter lungs and cause damage. Harmful if swallowed.

**CHRONIC HAZARDS:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

**PRIMARY ROUTE (S) OF ENTRY:** Eye Contact, Inhalation, Skin Absorption, Skin.

## 12. ECOLOGICAL INFORMATION

### COMPONENT ECOTOXICITY

Benzyl alcohol	96 Hr LC50 Pimephales promelas: 460 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 10 mg/L [static] 48 Hr EC50 water flea: 23 mg/L
Isophorone diamine	48 Hr EC50 Daphnia magna: 14.6 - 21.5 mg/L [semi-static] 72 Hr EC50 Desmodesmus subspicatus: 37 mg/L
Trimethylhexamethylenediamine	72 Hr EC50 Desmodesmus subspicatus: 29.5 mg/L

## 13. DISPOSAL CONSIDERATION

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to entering waterways, wastewater, soil, storm drains or sewer systems.

## 14. TRANSPORT INFORMATION

This material is classified for transport as follows:

<u>AGENCY</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint Related Material	UN3066	III	8

## 15. REGULATORY INFORMATION

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!  
This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:  
- None

**CERCLA-SARA Hazard Category:** This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:  
- None

**Sara Section 313:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:  
- None

## 16. OTHER INFORMATION

### HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

<b>HEALTH</b>	<input type="text" value="3"/>	<b>HMIS &amp; NFPA Hazard Rating Legend</b> * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
<b>FLAMMABILITY</b>	<input type="text" value="1"/>	
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>	
<b>PERSONAL PROTECTION</b>	<input type="text" value="B"/>	

Leggari Products, LLC believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Leggari Products, LLC makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

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