

1. Product and Company Identification

Product Code: 3285
Product Name: 3285
Company Name: Appli-Tec, Inc
 7 Industrial Way Unit 1
 Salem, NH 03079
Phone Number: (603)685-0500

Web site address: www.appli-tec.com

Emergency Contact: Contact medical emergency services
Information: Call Chemtrec for Transport Info. (800)424-9300
Intended Use: Adhesive

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1C
Skin Sensitization, Category 1
Carcinogenicity, Category 2
Aquatic Toxicity (Chronic), Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: H302 - Harmful if swallowed.
 H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.
 H351 - Suspected of causing cancer .
 H411 - Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe vapors, mist or spray.
 P264 - Wash hands 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.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves/eye protection/face protection.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P330 - Rinse mouth.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 P391 - Collect spillage.

GHS Storage and Disposal P405 - Store locked up.

Phrases: P501 - Dispose of contents/container according to local and national regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

Inhalation: May cause respiratory irritation. Harmful if inhaled.

Skin Contact: May cause allergic skin reaction. Causes skin burns.

Eye Contact: Causes eye burns.

Ingestion: Harmful if swallowed. May cause severe gastrointestinal tract irritation with nausea, vomiting and possible burns.

Additional Information No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
28064-14-4	Phenol-Formaldehyde Polymer	40.0 -70.0 %
19900-65-3	4,4'-Methylenebis(2-ethylaniline)	10.0 -30.0 %
2855-13-2	Isophoronediamine	10.0 -30.0 %
100-51-6	Benzenemethanol	1.0 -10.0 %
434285-53-7	2-Propenoic acid, 2,2-bis[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester, polymer with diethenylbenzene and ethenylethylbe	1.0 -5.0 %
7440-57-5	Gold	0.1 -5.0 %
7440-02-0	Nickel	0.1 -5.0 %

Additional Information Exact percentages have been withheld as a trade secret.

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

In Case of Skin Contact: Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash contaminated clothing before reuse.

In Case of Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention immediately.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: > 93.00 C

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Discharge into the environment must be avoided. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with eyes, skin, and clothing. Use only in a well-ventilated area. Avoid inhalation of vapor or mist.

Precautions To Be Taken in Storing: Store at <-40deg.C.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
28064-14-4	Phenol-Formaldehyde Polymer	No data.	No data.	No data.
19900-65-3	4,4'-Methylenebis(2-ethylaniline)	No data.	No data.	No data.
2855-13-2	Isophoronediamine	No data.	No data.	No data.
100-51-6	Benzenemethanol	No data.	No data.	No data.
434285-53-7	2-Propenoic acid, 2,2-bis[[[1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester, polymer with diethenylbenzene and ethenylethylbe	No data.	No data.	No data.
7440-57-5	Gold	No data.	No data.	No data.
7440-02-0	Nickel	PEL: 1 mg/m3	TLV: 1.5 mg/m3 (Inhalation)	No data.

Respiratory Equipment (Specify Type): Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[X] Solid
Appearance and Odor:	No data available.		
Melting Point:	No data.		
Boiling Point:	No data.		
Flash Pt:	> 93.00 C		
Evaporation Rate:	No data.		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Specific Gravity (Water = 1):	No data.		
Solubility in Water:	No data.		
Percent Volatile:	No data.		
Autoignition Pt:	No data.		

10. Stability and Reactivity

Stability:	Unstable [X]	Stable []
Conditions To Avoid - Instability:	Product will cure at ambient temperatures. Keep in cold storage until ready to use.	
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong acids.	
Hazardous Decomposition or Byproducts:	Carbon oxides, Nitrogen oxides.	
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.	

11. Toxicological Information

Toxicological Information:	No data available.
Irritation or Corrosion:	Skin corrosion/irritation.
Sensitization:	Skin sensitization.
Carcinogenicity/Other Information:	Contains material which may cause cancer, based on animal data. Risk depends on level and duration of exposure.

12. Ecological Information

General Ecological Information:	Toxic to aquatic life with long lasting effects.
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13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Isophoronediamine solution.
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN2289 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Isophoronediamine solution.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Isophoronediamine solution.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
28064-14-4	Phenol-Formaldehyde Polymer	No	No	No
19900-65-3	4,4'-Methylenebis(2-ethylaniline)	No	No	No
2855-13-2	Isophoronediamine	No	No	No
100-51-6	Benzenemethanol	No	No	No
434285-53-7	2-Propenoic acid, 2,2-bis[[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester, polymer with diethenylbenzene and ethenylethylbe	No	No	No
7440-57-5	Gold	No	No	No
7440-02-0	Nickel	No	Yes 100 LB	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
28064-14-4	Phenol-Formaldehyde Polymer	TSCA: Inventory
19900-65-3	4,4'-Methylenebis(2-ethylaniline)	TSCA: Inventory
2855-13-2	Isophoronediamine	TSCA: Inventory
100-51-6	Benzenemethanol	TSCA: Inventory
434285-53-7	2-Propenoic acid, 2,2-bis[[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester, polymer with diethenylbenzene and ethenylethylbe	TSCA: Inventory
7440-57-5	Gold	TSCA: Inventory
7440-02-0	Nickel	TSCA: Inventory

16. Other Information

Revision Date: 10/31/2017

**Additional Information
About This Product:** No data available.

**Company Policy or
Disclaimer:** The information on this data sheet represents our current and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or the applicable technical bulletin, or which involves using the product in combination with any other product or any other process is the responsibility of the user.