



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-293-00



Product Name: Essix Tray Adhesive

Release Date: July 25, 2007

1. Product and Company Identification

Trade Name & Synonyms Tray adhesive 29300	MSDS Code Number Refer to part number
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number NA	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Petrol ether 80/110	NA	NA	NA

3. Hazard Identification

Emergency Overview NA					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Irritation of eyes and skin	NA	NA	NA	NA
Skin Yes	NA	NA	NA	NA	NA
Inhalation Yes	Burning in throat and lungs.	NA	NA	High solvent concentrations may be moderately toxic by inhalation.	NA
Ingestion Yes	NA	NA	NA	High solvent concentrations may be moderately toxic by ingestion. After evaporation non-toxic biocompatible silicone adhesive.	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure Consult doctor.					
Carcinogenicity (IARC, NTP) None					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	NA	NA	NA
Skin	NA	NA	NA
Inhalation	Expose to the air	Consult doctor.	NA
Ingestion	NA	Consult doctor.	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C / °F NA	Flammable (Explosive) Limits in Air LEL: NA UEL: NA	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health- , Flammability- , Reactivity- NA	
Extinguishing Media Foam, CO2, dry extinguishing media, sand		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters None			
Unusual Fire and Explosion Hazards None			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Wipe off with a towel. Toxic for fish and plankton (WKG 2)
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings Use coltene adhesive only in well ventilated rooms.
Storage Practices and Warnings (°C / °F). Store in a cold place away from flame. Do not apply intraoral, use only as adhesive lacquer in trays. Other precautions: Following mixing instructions. Wear gloves. The product should only be supplied to dentists or dental technicians or upon their instructions. Shelf life : 5 years



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8. Exposure Control/Personal Protection

Ventilation Local exhaust: Special:		Other Engineering Controls Mechanical (general)
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	NA	NA
Skin	Protective gloves	NA
Inhalation	Not required.	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Do not swallow, wash hands before breaks and after the end of day's work.		

9. Physical and Chemical Characteristics

Appearance Red colored, low viscous lacquer.		Odor NA
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> NA (Other)		Boiling Point >100°C / °F Melting Point °C / °F NA Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) 0.8	Solubility in Water None	pH NA
Vapor Pressure (mm Hg @ 20°C) >1	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) 2.5
Other NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Strong oxidant	
Hazardous Products Produced During Decomposition None	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F None
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid °C / °F high temperatures, flame

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NA
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements NA



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13. Disposal Considerations

Regulations

According to local prescriptions.

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No NA

Proper Shipping Name

Essix tray adhesive

Packing Group

NA

Do changes in quantity, packaging, or shipment method change product classification?

Yes No NA

Hazard Class

NA

Identification Number

NA

Other

NA

15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 40/25

Supplier Release: NA

N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.