

MATERIAL SAFETY DATA SHEET

84719-1000

1. Product and Company Identification

Material name Aleene's Platinum Bond Glass and Bead Slick Surfaces Adhesive
Revision date 08-26-2011
Version # 01
CAS # Mixture
Product use Solvent - based adhesive.
Manufacturer/Supplier iLoveToCreate a Duncan Enterprises Company
iLoveToCreate a Duncan Enterprises Company
5673 East Shields Avenue Fresno, CA. 93727
Telephone Number: 559-291-4444
Contact Person: Frank Peters
Emergency Emergency Telephone Number: 703-527-3887 other countries
Emergency Telephone Number: 800-4249300 U.S. and Canada

2. Hazards Identification

Physical state Liquid.
Appearance Clear paste.
Emergency overview DANGER!
FLAMMABLE LIQUID AND VAPOR.
Suspect cancer hazard - may cause cancer. Harmful if inhaled, absorbed through skin, or swallowed.
OSHA regulatory status This product is hazardous according to OSHA 29 CFR 1910.1200.
Potential health effects
Routes of exposure Inhalation. Ingestion. Skin contact.
Eyes Contact with eyes will cause irritation and pain.
Skin Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
Inhalation Inhalation or contact with vapors, substance, or decomposition products may cause severe injury or death.
Ingestion Symptoms of exposure may include; gastrointestinal irritation, nausea, vomiting, diarrhea, stomach pain, difficulty breathing, headache, drowsiness, fatigue, dizziness, mood swings, tremors, loss of coordination, blurred vision, convulsions, unconsciousness, coma, kidney damage, liver damage, aspiration hazard and death.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Solvent naphtha (petroleum), light aliph.	64742-89-8	30-60
Xylene	1330-20-7	7-13

4. First Aid Measures

First aid procedures
Eye contact Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.
Skin contact Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.
Inhalation Move to fresh air. Treat symptomatically. Get medical attention.
Ingestion Seek medical advice.
Notes to physician Treat symptomatically.

5. Fire Fighting Measures

Flammable properties Flammable liquid and vapor.

Aleene's Platinum Bond Glass and Bead Slick Surfaces Adhesive

CPH MSDS NA

904219 Version #: 01 Revision date: 08-26-2011 Print date: 08-26-2011

Item Numbers: 84719-1000

Page 1 of 6¹ / 6

Extinguishing media**Suitable extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

Protection of firefighters**Specific hazards arising from the chemical**

Vapor may cause flash fire. Gas may travel considerable distance to a source of ignition and flash back.

Fire fighting equipment/instructions

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Specific methods

Water spray should be used to cool containers. Prevent build-up of vapors or gasses to explosive concentrations.

Hazardous combustion products

Carbon oxides.

6. Accidental Release Measures**Personal precautions**

Wear appropriate personal protective equipment (See Section 8).

Environmental precautions

Prevent runoff from entering drains, sewers, or streams.

Methods for containment

Eliminate all ignition sources.

Methods for cleaning up

Use water spray to disperse vapors and dilute spill to a nonflammable mixture. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste for proper disposal.

Other information

Absorb spillage with suitable absorbent material. Clean up in accordance with all applicable regulations.

7. Handling and Storage**Handling**

Do not breathe mist or vapor. Do not get in eyes, on skin, on clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling.

Storage

Keep away from heat, sparks, and flame. Store in closed original container in a dry place. Store away from incompatible materials. Keep away from food, drink and animal feeding stuffs. Keep container tightly closed and in a well-ventilated place. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids.

8. Exposure Controls / Personal Protection**Occupational exposure limits****US. ACGIH Threshold Limit Values**

Components	Type	Value
Xylene (1330-20-7)	TWA	100 ppm
	STEL	150 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Xylene (1330-20-7)	PEL	100 ppm
		435 mg/m ³

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value
Xylene (1330-20-7)	TWA	100 ppm
	STEL	150 ppm

Canada. Ontario OELs. (Ministry of Labor - Control of Exposure to Biological or Chemical Agents)

Components	Type	Value
Xylene (1330-20-7)	TWA	100 ppm
	STEL	150 ppm
	TWA	435 mg/m ³
	STEL	650 mg/m ³

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Type	Value
Xylene (1330-20-7)	TWA	100 ppm
	STEL	150 ppm
	TWA	434 mg/m ³
	STEL	651 mg/m ³

Mexico. Occupational Exposure Limit Values

Components	Type	Value
Xylene (1330-20-7)	TWA	100 ppm
	STEL	150 ppm
	TWA	435 mg/m ³
	STEL	655 mg/m ³

Engineering controls An eye wash and safety shower must be available in the immediate work area. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal protective equipment

Eye / face protection Wear safety glasses with side shields (or goggles). Wear a full-face respirator, if needed.

Skin protection Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

General hygiene considerations No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9. Physical & Chemical Properties

Appearance	Clear paste.
Color	Clear.
Odor	Organic solvents.
Odor threshold	Not available.
Physical state	Liquid.
Form	Liquid.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	> 260 °F (> 126.7 °C)
Flash point	Not available.
Evaporation rate	> 1 Water=1
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	5.2 mm Hg at 20°C
Vapor density	3.8 (Air=1)
Specific gravity	0.843
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	3.65 lb/gal
Bulk density	7.02 lb/gal
Percent volatile	52 %

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under normal temperature conditions.
Conditions to avoid	Heat and direct sunlight.
Incompatible materials	Strong oxidizing agents. Alkalies.
Hazardous decomposition products	Carbon oxides.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Acute effects	Causes skin and eye irritation. Harmful if swallowed.
Sensitization	Not a skin sensitizer.
Carcinogenicity	Suspect Cancer Hazard. May cause cancer.

ACGIH Carcinogens

Xylene (CAS 1330-20-7) A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

12. Ecological Information

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence and degradability	No data available.
Bioaccumulation / Accumulation	No data available.
Partition coefficient (n-octanol/water)	Not available.
Mobility in environmental media	The product is insoluble in water and will sediment in water systems.

13. Disposal Considerations

Waste from residues / unused products	Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Do not discharge into drains, water courses or onto the ground.
Contaminated packaging	Since emptied containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container.

14. Transport Information**DOT****Basic shipping requirements:**

UN number	UN1133
Proper shipping name	Adhesives, containing a flammable liquid
Hazard class	3
Packing group	II
Labels required	3

Additional information:

Special provisions	149, B52, IB2, T4, TP1, TP8
Packaging exceptions	150
Packaging non bulk	173
Packaging bulk	242

IATA**Basic shipping requirements:**

UN number	1133
Proper shipping name	Adhesives containing flammable liquid
Hazard class	3
Packing group	II

Additional information:

ERG code 3L

IMDG**Basic shipping requirements:**

UN number 1133
 Proper shipping name ADHESIVES containing flammable liquid
 Hazard class 3
 Packing group II
 EmS No. F-E, S-D

TDG**Basic shipping requirements:**

Proper shipping name ADHESIVES containing flammable liquid
 Hazard class 3
 UN number UN1133
 Packing group II
 Marine pollutant •

15. Regulatory Information

US federal regulations This product is hazardous according to OSHA 29 CFR 1910.1200.
 All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)

Not regulated.

US CAA Section 112 Hazardous Air Pollutants (HAPs) List

M-XYLENES (CAS 1330-20-7)

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Xylene (CAS 1330-20-7) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Xylene (CAS 1330-20-7) Listed.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

Xylene: 100

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A) No

Section 311/312 (40 CFR 370) Yes

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) Not controlled

WHMIS status Controlled

WHMIS classification B2 - Flammable/Combustible
 D1B - Immediate/Serious-TOXIC
 D2A - Other Toxic Effects-VERY TOXIC
 D2B - Other Toxic Effects-TOXIC

WHMIS labeling

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Hazardous Substances (Director's): Listed substance

Xylene (CAS 1330-20-7)	Listed.
------------------------	---------

US - New Jersey Community RTK (EHS Survey): Reportable threshold

Xylene (CAS 1330-20-7)	500 LBS
------------------------	---------

US - New Jersey RTK - Substances: Listed substance

Xylene (CAS 1330-20-7)	Listed.
------------------------	---------

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Xylene (CAS 1330-20-7)	Listed.
------------------------	---------

16. Other Information**Further information**

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 2*
Flammability: 3
Physical hazard: 0

NFPA ratings

Health: 2
Flammability: 3
Instability: 0

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Issue date

08-26-2011