



GATOR SEAL SATIN LOOK
FOR CONCRETE PAVERS & NATURAL STONES
MSDS Revision Date (dd/mm/yyyy): 04/04/2012

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product name : SATIN LOOK LOW GLOSS MATTE FINISH PAVER SEALANT
Supplier : Alliance Designer Products Inc.
225 Blvd Bellerose West
Laval, Quebec
Canada
H7L 6A1
www.alliancegator.com
Chemical Family : Mixture of solvent
Trade name : Not available.
Material uses : Cleaning agent.
Manufacturer : Proprietary
Code :
Validation date : 31 january 2012
Print date : 10 april 2012
Responsible name : Alliance Designer Products Inc.
Information Telephone # : (450) 624-1611 or 866-212-1611 (Toll Free)
In case of emergency : Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887 (Outside U.S.).

SECTION 2 - HAZARDS IDENTIFICATION

Classification : : WHMIS classification:
Class B2 (Flammable Liquids);
Class D2A (Materials Causing Other Toxic Effects, Very Toxic Material);
Class D2B (Materials Causing Other Toxic Effects, Toxic Material).

OSHA: This material is classified as hazardous under OSHA regulations (29CFR 1910.1200). Hazardous classification:
Flammable liquid;
Acute Health Hazard;
Chronic Health Hazard.
Emergency Overview : Colourless liquid. Aromatic solvent odour.
DANGER!
Flammable liquid and vapour. Vapours may cause flash fire. May be harmful if inhaled. Causes respiratory tract irritation. May cause headache, nausea, dizziness and other symptoms of central nervous system depression. Harmful or fatal if swallowed. Can enter the lungs and cause damage. Causes eye irritation. May cause skin irritation. Prolonged overexposure may cause liver and kidney effects. Possible birth defect hazard - contains material that may cause birth defects, based on animal data.

POTENTIAL HEALTH EFFECTS:

Signs and symptoms of short-term (acute) exposure

Inhalation : May cause irritation to the nose, throat and upper respiratory tract. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. Could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed. May result in unconsciousness and possibly death.
Skin : May cause mild to moderate irritation. May be absorbed through the skin.
Eyes : May cause severe eye irritation. May cause burning sensation, redness and tearing (watering).
Ingestion : May cause irritation of mouth, throat, and stomach. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. Material is an aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

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MSDS Revision Date (dd/mm/yyyy): 04/04/2012**SECTION 2 - HAZARDS IDENTIFICATION (CONT.)****Effects of long-term (chronic) exposure**

Prolonged or repeated contact may cause drying, cracking and defatting of the skin.
Prolonged overexposure may cause liver and kidney effects.

Carcinogenic status :

See TOXICOLOGICAL INFORMATION, Section 11.

Additional health hazards :

Potential teratogen. See TOXICOLOGICAL INFORMATION, Section 11.

Potential environmental effects :

See ECOLOGICAL INFORMATION, Section 12.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	Wt.%
Xylene	1330-20-7	30.00 - 60.00
Acetone	67-64-1	30.00 - 60.00

SECTION 4 - FIRST AID MEASURES**Inhalation :**

Immediately remove person to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Seek immediate medical attention/advice.

Skin contact :

Remove contaminated clothing. Wash exposed area thoroughly with soap and water for at least 15 minutes. Wash contaminated clothing before re-use. Get medical attention.

Eye contact :

Immediately flush eyes with running water for at least 15 minutes. Get medical attention.

Ingestion :

Call a physician or Poison Control Centre immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Notes to physician :

Treat symptomatically. This product is a CNS depressant. Symptoms may be delayed.

SECTION 5 - FIRE FIGHTING MEASURES**Fire hazards/conditions of flammability :**

Flammable liquid and vapour. Vapours are heavier than air and collect in confined and low-lying areas. Vapour can travel considerable distance and flashback to a source of ignition. Product may float, and be re-ignited at the water's surface. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

**Flammability classification
(OSHA 29 CFR 1910.1200) :**

Flammable Liquid Class 1B.

Oxidizing properties :

None.

**Explosion data: Sensitivity to mechanical
impact / static discharge :**

May be sensitive to static discharge. Not expected to be sensitive to mechanical impact. Product will accumulate static charge.

Suitable extinguishing media :

Use water fog or fine spray, foams, carbon dioxide or dry chemical. Do not use water jet, as this may spread burning material.

Special fire-fighting procedures/equipment :

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

Hazardous combustion products :

Carbon oxides; Aldehydes; other unidentified organic compounds; Acrylic monomer.

NFPA Rating :

0- Minimal	1- Slight	2- Moderate	3-Serious	4- Severe
Health: 2	Flammability: 3	Instability: 0	Special Hazards:	None



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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions :	Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Individuals involved in the cleanup must wear appropriate personal protective equipment. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.
Environmental precautions :	Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.
Spill response/cleanup :	Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Notify the appropriate authorities as required.
Prohibited materials :	Do not use combustible absorbents, such as sawdust.
Special spill response procedures :	In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887. If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002). US CERCLA Reportable quantity (RQ): Acetone (5000 lbs / 2270 kg); Xylene (100 lbs / 45.4 kg).

SECTION 7 - HANDLING AND STORAGE

Safe Handling procedures :	Use only in well-ventilated areas. Wear suitable protective equipment during handling. Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat, sparks, and open flames. Ground all equipment during handling. Avoid contact with strong oxidizing agents. Keep containers tightly closed when not in use. Empty containers retain residue (liquid and/or vapour) and can be dangerous.
Storage requirements :	Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.
Incompatible materials :	Oxidizing agents; Reducing agents. Slightly reactive or incompatible with the following materials: Alkalies; Acids; Metals; Organic materials
Special packaging materials :	Always keep in containers made of the same materials as the supply container.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits				
Ingredients	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Xylene	100 ppm	150 ppm	100 ppm	N/Av
Acetone	500 ppm	750 ppm	1000 ppm	N/Av

Ventilation and engineering measures :	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Ensure adequate ventilation, especially in confined areas.
Respiratory protection :	Respiratory protection is required if the concentrations exceed the TLV. NIOSH-approved respirators are recommended. Use self-contained breathing apparatus for entry into confined space or for other poorly ventilated areas. Advice should be sought from respiratory protection specialists.
Skin protection :	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye / face protection :	Chemical splash goggles are recommended. A full face shield may also be necessary.
Other protective equipment :	Wear a chemically resistant apron and long sleeves when dispensing, to prevent skin contact. An eyewash station and safety shower should be made available in the immediate working area.



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SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONT.)

General hygiene considerations : Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse. Contaminated work clothing should not be allowed out of the workplace. Keep working clothes separately.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Liquid.	Appearance :	colourless
Odour :	Aromatic solvent odour.	Odour threshold :	N/Av.
pH :	N/Av.		
Boiling point :	> 54°C (129.2°F)	Specific Gravity :	0.796
Melting/Freezing point :	- 26.15°C (- 15.1°F) (Xylene)	Coefficient of water/oil distribution :	N/Av.
Vapour pressure (mmHg @ 20° C / 68° F) :	12.8 kPa (96.01 mmHg) @ 20°C / 68°F (average)	Solubility in water :	Partially soluble.
Vapour density (Air = 1) :	> 1.	Evaporation rate (n-Butyl acetate = 1) :	3.42
Volatile organic Compounds (VOC's) :	N/Av.	Volatiles (% by weight) :	N/Av.
Flash point :	- 18°C / - 0.4°F (Acetone)		
Flash point Method :	closed cup	Auto-ignition temperature :	464.85°C (868.7°F) (Acetone)
Lower flammable limit (% by vol.) :	2.6 (Acetone)	Upper flammable limit (% by vol.) :	12.8 (Acetone)
Flame Projection Length :	N/Av.	Flashback observed :	N/Av.

SECTION 10: STABILITY AND REACTIVITY

Stability and reactivity :	Stable under the recommended storage and handling conditions prescribed. Product may form carbon monoxide on standing in direct sunlight.
Hazardous polymerization :	Hazardous polymerisation does not occur.
Conditions to avoid :	Avoid contact with incompatible materials. Keep away from excessive heat, open flames, sparks and other possible sources of ignition. Keep out of direct sunlight.
Materials to avoid and incompatibility :	Incompatible materials (see Section 7).
Hazardous decomposition products :	None known, refer to hazardous combustion products in Section 5.

SECTION 11 - TOXICOLOGICAL INFORMATION

Target organs :	Eyes, skin, respiratory system, central nervous system, liver and kidneys.
Routes of exposure :	Inhalation: YES Skin Absorption: YES Skin & Eyes: YES Ingestion: YES.
Toxicological data :	See below for individual ingredient acute toxicity data.

Ingredients	LC ₅₀ (4hr) inh, rat	LD ₅₀	
		(Oral, rat)	(Rabbit, dermal)
Xylene	6350 ppm	4300 mg/kg	12,180 mg/kg
Acetone	30,000 ppm	5800 mg/kg	> 16,000 mg/kg

Carcinogenic status :	No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
Reproductive effects :	Not expected to have other reproductive effects.
Teratogenicity :	This product contains Xylene. Xylene may cause fetotoxic effects at doses which are not maternally toxic, based on animal data.
Mutagenicity :	Not expected to be mutagenic in humans.
Epidemiology :	Not available.
Sensitization to material :	Not expected to be a skin or respiratory sensitizer.

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SECTION 11 - TOXICOLOGICAL INFORMATION (CONT.)

Synergistic materials :	Not available.
Irritancy :	Mild to moderate skin irritant. Severe eye irritant.
Other important hazards :	CNS depression may result from extreme exposures.
Conditions aggravated by overexposure :	Pre-existing skin, eye and respiratory disorders.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity :	No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. Contains: Xylene; Acetone. The acute toxicity of xylene is (ECOTOX): Toxicity to daphnia EC50/24h/Daphnia magna (Water flea) > 100 mg/L Toxicity to fish LC50/96h/fathead minnows = 26.7 mg/L LC50/96h/Lepomis macrochirus = 8.6 mg/L LC50/96h/rainbow trout = 3.3 mg/L The acute toxicity of Acetone is (ECOTOX): Toxicity to daphnia LC50/48h/daphnia = 6900 mg/L Toxicity to fish LC50/96h/fathead minnows = 6210 mg/L LC50/96h/Lepomis macrochirus = 8300 mg/L
Mobility :	No data is available on the product itself.
Persistence :	No data is available on the product itself.
Bioaccumulation potential :	No data is available on the product itself.
Other Adverse Environmental effects :	No data is available on the product itself.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for Disposal :	See Section 7 (Handling and Storage) for further details. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not cut, weld, drill or grind on or near this container.
Methods of Disposal :	Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
RCRA :	If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.



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SECTION 14: TRANSPORT INFORMATION

Regulatory Number	UN Number	Proper Shipping Name	Class	Packing Group	Label
TDG	UN1139	COATING SOLUTION	3	II	
TDG Additional Information	May be shipped as a Limited Quantity when transported in containers no larger than 5.0 L, in combination packagings no larger than 30 kg gross mass. Under the TDGR, refer to Section 1.17 for additional exemption information, if shipping under this exemption.				
49CFR/DOT	UN1139	COATING SOLUTION	3	II	
49CFR/DOT Additional Information	May be shipped as Limited Quantity when transported in containers no larger than 5.0 Litres; in packages not exceeding 30 kg gross mass. Refer to 49 CFR 173.150(b) and Special Provision 149.				

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): Xylene (100 lbs / 45.4 kg); Acetone (5000 lbs / 2270 kg).

SARA TITLE III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present in this material.

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Immediate (Acute) health hazard; Chronic Health Hazard; Fire Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This product may be subject to SARA notification requirements, since it contains Toxic Chemical constituents above their de minimus concentrations. This product contains: Xylene.

US State Right to Know Laws:

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: Acetone (CA, MA, MN, NJ, PA, RI); Xylene (CA, MA, MN, NJ, PA, RI).

International Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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SECTION 16 - OTHER INFORMATION

HMIS Rating : *- Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe
Health: *2 Flammability: 3 Reactivity: 0

Legend : ACGIH : American Conference of Governmental Industrial Hygienists
CA: California
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
DOT: Department of Transportation
EPA: Environmental Protection Agency
EST: Eastern Standard Time
HMIS: Hazardous Materials Identification System
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
Inh: Inhalation
MA: Massachusetts
MN: Minnesota
MSHA: Mine Safety and Health Administration
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TSCA: Toxic Substance Control Act
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Identification System

References : 1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2009.
2. International Agency for Research on Cancer Monographs, searched 2009.
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2009 (Chempendium, HSDB and RTECs).
4. Material Safety Data Sheet from manufacturer.
5. California Proposition 65 List - September 11, 2009 version.



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SECTION 16 - OTHER INFORMATION (CONT.)

<p>Prepared for : Alliance Designer Products Inc. 225 Blvd. Bellerose West, Laval, QC, Canada, H7L 6A1 Phone: (450) 624-1611 Please direct all inquiries to Alliance Designer Products.</p>	
<p>Prepared by : ICC The Compliance Center Inc. Canada: 1-888-977-4834 USA: 1-888-442-9628 http://www.thecompliancecenter.com</p>	

DISCLAIMER OF LIABILITY

This Material Safety Data Sheet (MSDS) was prepared by ICC The Compliance Center Inc. using information provided by Alliance Designer Products and CCOHS' Web Information Service. The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Alliance Designer Products expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this MSDS does not apply to use with any other product or in any other process.

This Material Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Alliance Designer Products.

Revision Information :

Sections 2 and 3, switched.
(M)SDS sections updated:
2. HAZARDS IDENTIFICATION;
3. COMPOSITION/INFORMATION ON INGREDIENTS;
5. FIRE-FIGHTING MEASURES;
8. EXPOSURE CONTROLS / PERSONAL PROTECTION;
9. PHYSICAL AND CHEMICAL PROPERTIES;
11. TOXICOLOGICAL INFORMATION;
12. ECOLOGICAL INFORMATION;
15. REGULATORY INFORMATION.