Issuing Date No data available

Revision Date 20-Nov-2015

Revision Number 4

SAFETY DATA SHEET



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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name	Lexel White VOC		
Other means of identification			
Synonyms	Cartridge and squeeze tube grades		
Recommended use of the chemical	and restrictions on use		
Recommended Use	Caulking		
Uses advised against	No information available		
Details of the supplier of the safety data sheet			
Supplier Name	Sashco, Inc.		
Supplier Address	10300 E. 107th Place Brighton CO 80601 US		
Supplier Phone Number	Phone:303-286-7271 Contact Phone303-286-7271		
Supplier Email	info@sashco.com		
Emergency telephone number	800-535-5053		

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B



Flammable liquids

Category 4

GHS Label elements, including precautionary statements

Emergency Overview		
Signal word	Danger	
Hazard Statements May cause genetic defects May cause cancer Combustible liquid		
Appearance White	Physical state Paste Liquid	Odor Solvent

Precautionary Statements - Prevention

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention Wash contaminated clothing before reuse

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting

Fire In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable



Unknown Toxicity

45.5% of the mixture consists of ingredient(s) of unknown toxicity

Other information

May be harmful if swallowed May be harmful in contact with skin Harmful to aquatic life with long lasting effects PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS

Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Tetrachloroethylene	127-18-4	30 - 60	*
Solvent naphtha (petroleum), light aliphatic	64742-89-8	1 - 5	*
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	0.1 - 1	*
Silicon Dioxide - hydrated	7631-86-9	0.1 - 1	*
Ci 77891	13463-67-7	0.1 - 1	*
Aluminum hydroxide	21645-51-2	0.1 - 1	*
Mineral Spirits	8052-41-3	< 0.1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures General Advice Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area Skin contact Get medical attention if irritation develops and persists. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Ingestion Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Aspiration hazard if swallowed - can enter lungs and cause damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Call a physician or poison control center immediately. Self-protection of the first aider Avoid direct contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8_. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give



mouth-to-mouth resuscitation. Remove all sources of ignition.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Difficulty in breathing. Coughing and/ or wheezing. Dizziness. . Effects

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Uniform Fire Code Combustible Liquid: III-A

Hazardous Combustion Products Carbon oxides.

Explosion Data Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

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



6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. See section 8 for more information. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.	
Other Information	Water spray may reduce vapor; but may not prevent ignition in closed spaces. Refer to protective measures listed in Sections 7 and 8. Ventilate the area.	
Environmental precautions		
Environmental precautions	autions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spill if safe to do so. Prevent product from entering drains.	
Methods and material for containme	ent and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.	
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.	



7. HANDLING AND STORAGE

Precautions for safe handling

HandlingHandle in accordance with good industrial hygiene and safety practice. Avoid contact with
skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off
contaminated clothing and wash before reuse. Use personal protection equipment. Avoid
breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. No
smoking. Use grounding and bonding connection when transferring this material to
prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use
spark-proof tools and explosion-proof equipment. Keep in area equipped with sprinklers.
Use according to package label instructions.

Conditions for safe storage, including any incompatibilities

StorageKeep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.
Protect from moisture. Keep out of the reach of children. Store away from other materials.
Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric
motors and static electricity). Keep in properly labeled containers. Do not store near
combustible materials. Keep in an area equipped with sprinklers. Store in accordance with
the particular national regulations. Store in accordance with local regulations.Incompatible ProductsStrong acids. Strong oxidizing agents. Strong bases. Chlorinated compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Tetrachloroethylene	STEL: 100 ppm	TWA: 100 ppm	IDLH: 150 ppm
127-18-4	TWA: 25 ppm	(vacated) TWA: 25 ppm	
		(vacated) TWA: 170 mg/m ³	
		Ceiling: 200 ppm	
Petroleum distillates, hydrotreated heavy	TWA: 5 mg/m ³ , as oil mist,	TWA: 5 mg/m ³ , as oil mist,	
paraffinic	mineral	mineral	
64742-54-7	STEL: TWA: 10 mg/m ³ , as oil		
	mist, mineral		
Silicon Dioxide - hydrated	10 mg/m ³	20 mppcf TWA; ((80)/(% SiO2)	IDLH: 3000 mg/m ³
7631-86-9		mg/m³)	TWA: 6 mg/m ³
Ci 77891	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	IDLH: 5000 mg/m ³
13463-67-7		(vacated) TWA: 10 mg/m ³ total	
		dust	
Aluminum hydroxide	TWA: 1 mg/m ³ respirable	-	
21645-51-2	fraction		
Mineral Spirits	TWA: 100 ppm	TWA: 500 ppm	IDLH: 20000 mg/m ³
8052-41-3		TWA: 2900 mg/m ³	Ceiling: 1800 mg/m ³ 15 min
		(vacated) TWA: 100 ppm	TWA: 350 mg/m ³
		(vacated) TWA: 525 mg/m ³	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls



Engineering Measures Showers Eyewash stations Ventilation systems Individual protection measures, such as personal protective equipment Eye/face protection None required for consumer use. If there is a risk of contact: Wear safety glasses with side shields (or goggles). None required for consumer use. Wear protective gloves and protective clothing. Skin and body protection **Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. **Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state Appearance Color	Liquid Viscous paste White	Odor Odor Threshold
Property	Values	Remarks Meth
рН	Not applicable	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	118 °C / 244 °F	None known
Flash Point	78.33 °C / >173 °F	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	1.1	None known
Water Solubility	Immiscible in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/wate	rNo data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	225000	None known
Explosive properties	No data available	
Oxidizing properties	No data available	
Other Information		
Softening Point	No data available	
VOC Content (%)	No data available	
Particle Size	No data available	



Solvent No information available

hod



Particle Size Distribution

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tetrachloroethylene 127-18-4	= 2629 mg/kg (Rat)	-	= 4000 ppm (Rat)4 h
Solvent naphtha (petroleum), light aliphatic 64742-89-8	-	= 3000 mg/kg (Rabbit)	-
Silicon Dioxide - hydrated 7631-86-9	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat)1 h
Ci 77891 13463-67-7	> 10000 mg/kg (Rat)	-	-
Aluminum hydroxide 21645-51-2	> 5000 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms

No information available.



Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information	No information available.			
Mutagenic Effects	Contains a k	Contains a known or suspected mutagen. There is no data available for this product.			
Carcinogenicity	The table be	low indicates whether ea	ach agency has listed any ingred	lient as a carcinogen.	
Chemical Name	ACGIH	IARC	NTP	OSHA	
Tetrachloroethylene 127-18-4	A3	Group 2A	Reasonably Anticipated	Х	
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	A2	Group 1		Х	
Silicon Dioxide - hydrated 7631-86-9		Group 3			
Ci 77891 13463-67-7		Group 2B		Х	
A3 - Animal Carcinogen IARC (International Agence Group 1 - Carcinogenic to F Group 2A - Probably Carcin Group 2B - Possibly Carcin Group 3 - Not Classifiable a NTP (National Toxicology Reasonably Anticipated - R OSHA (Occupational Safe X - Present	Jumans ogenic to Humans ogenic to Humans s to Carcinogenicity in Hur Program) easonably Anticipated to b	nans e a Human Carcinogen	nt of Labor)		
Reproductive toxicity	No information	No information available.			
STOT - single exposure	No information	No information available.			
STOT - repeated exposure	No information	No information available.			
Chronic Toxicity		Contains a known or suspected mutagen. Possible risk of irreversible effects. Contains a known or suspected carcinogen. May cause adverse liver effects.			
Target Organ Effects		May affect the genetic material in germ cells (sperm and eggs). Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Central Nervous System (CNS). Kidney. Liver.			
Aspiration Hazard	No information	No information available.			

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 2,906.00 mg/kg ATEmix (dermal) 62,885.00 mg/kg (ATE) ATEmix (inhalation-vapor) 29.93 ATEmix



12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Tetrachloroethylene 127-18-4	96h EC50: > 500 mg/L (Pseudokirchneriella subcapitata)	96h LC50: 12.4 - 14.4 mg/L (Pimephales promelas) 96h LC50: 8.6 - 13.5 mg/L (Pimephales promelas) 96h LC50: 4.73 - 5.27 mg/L (Oncorhynchus mykiss) 96h LC50: 11.0 - 15.0 mg/L (Lepomis macrochirus)	EC50 = 100 mg/L 24 h EC50 = 112 mg/L 24 h EC50 = 120.0 mg/L 30 min	48h EC50: 6.1 - 9.0 mg/L
Solvent naphtha (petroleum), light aliphatic 64742-89-8	72h EC50: = 4700 mg/L (Pseudokirchneriella subcapitata)			
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	· · · · ·	96h LC50: > 5000 mg/L (Oncorhynchus mykiss)		48h EC50: > 1000 mg/L
Silicon Dioxide - hydrated 7631-86-9	72h EC50: = 440 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 5000 mg/L (Brachydanio rerio)		48h EC50: = 7600 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Chemical Name	Log Pow
Tetrachloroethylene	2.88
127-18-4	

Other adverse effects

No information available.



13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Dispose of contents/containers in accordance with local regulations.

Contaminated Packaging

US EPA Waste Number

D039

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Tetrachloroethylene 127-18-4	U210	Included in waste streams: F001, F002, F024, F025, F039, K016, K019, K020, K073, K116, K150, K151	0.7 mg/L regulatory level	U210

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Tetrachloroethylene 127-18-4	Category I - Volatiles		Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths	
			ranging from one to and including five, with varying amounts and positions of chlorine substitution.	

Chemical Name	California Hazardous Waste
Tetrachloroethylene	Тохіс
127-18-4	

14. TRANSPORT INFORMATION

DOT	NOT REGULATED
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO_	Not regulated
Hazard Class	N/A



RID	Not regulated
ADR	Not regulated
ADN_	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA DSL Complies All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Tetrachloroethylene - 127-18-4	127-18-4	30 - 60	0.1
SARA 311/312 Hazard Categories			
Acute Health Hazard	No		
Chronic Health Hazard	Yes		
Fire Hazard	Yes		
Sudden release of pressure hazard	No		
Reactive Hazard	No		

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Tetrachloroethylene 127-18-4		Х	Х	

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Tetrachloroethylene 127-18-4	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ RQ 0.454 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Tetrachloroethylene - 127-18-4	Carcinogen
Ci 77891 - 13463-67-7	Carcinogen
U.S. State Right-to-Know Regulations	



Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Tetrachloroethylene	Х	Х	Х	Х	Х
127-18-4					
Ci 77891		Х			
13463-67-7					

International Regulations

Mexico

National occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Tetrachloroethylene	A3	Mexico: TWA= 100 ppm
127-18-4 (30 - 60)		Mexico: TWA= 1250 mg/m ³
		Mexico: TWA= 200 ppm
		Mexico: TWA= 670 mg/m ³
		Mexico: STEL= 1340 mg/m ³
		Mexico: STEL= 200 ppm
Ci 77891		Mexico: TWA 10 mg/m ³
13463-67-7 (0.1 - 1)		Mexico: STEL 20 mg/m ³
Mineral Spirits		Mexico: TWA 100 ppm
8052-41-3 (< 0.1)		Mexico: TWA 523 mg/m ³
		Mexico: STEL 200 ppm
		Mexico: STEL 1050 mg/m ³

Mexico - Occupational Exposure Limits - Carcinogens A3 - Confirmed Animal Carcinogen

Canada WHMIS Hazard Class Not determined

16. OTHER INFORMATION

NFPA	Health Hazards 1 Flammability	2 In:	stability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 1* Flammability	2 P h	nysical Hazard 0	Personal Protection
Chronic Hazard Star	Legend * = Chronic Health Hazard			~
Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501			
Revision Date Revision Note	20-Nov-2015 No information available			

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

