

Safety Data Sheet (SDS)

Section 1 - Chemical Product and Company Information

Product Name: Shine Sealant (Motorcycle)

Product Code: CW603

Manufacturer:



Shore Corporation
2917 Spruce Way
Pittsburgh, PA 15201

Telephone 412-471-3330
Toll free 800-860-4978
Fax 412-471-3260
www.shorecorporation.com

In case of transportation or chemical emergency contact:

ChemTel, Inc
1-800-255-3924 (24 hours)

Distributed By:

Kleen-Rite Corporation
P. O. Box 886
Columbia, PA 17512
(717) 684 - 6721

Product Use: Motorcycle sealant
Not recommended for:

Section 2 - Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

GHS Ratings:

Inhalation Toxicity	Acute Tox. 4	Gases>2500+<=5000ppm, Vapors>10+<=20mg/l, Dusts&mists>1+<=5mg/l
Skin corrosive	1B	Destruction of dermal tissue: Exposure < 1 hour Observation < 14 days, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Skin sensitizer	1	Skin sensitizer
Reproductive toxin	2	Human or animal evidence possibly with other information
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm ² /s at 40° C.

GHS Hazards

H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H361	Suspected of damaging fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash hands and exposed skin thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P310	Immediately call a POISON CENTER or doctor/physician
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P321	Specific treatment (see Section 4 on this SDS)
P331	Do NOT induce vomiting
P363	Wash contaminated clothing before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container in accordance with local/ regional/ national/, regulations.

Signal Word: Danger



Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product.

Section 3 - Composition

Chemical Name	CAS number	Weight Concentration %
Water	7732-18-5	60.00% - 70.00%
Fatty acids, coco, reaction product with diethlenetriamin and soya fatty acids, ehoxylated, chloromethane-aternized	68604-75-1	5.00% - 10.00%
2-butoxyethanol	111-76-2	5.00% - 10.00%
Amino silicone resin	Silicone 1937	5.00% - 10.00%
Hydrotreated distillate, middle	64742-46-7	1.00% - 5.00%
Acetic acid	64-19-7	1.00% - 5.00%
Isopropanol	67-63-0	1.00% - 5.00%
d-Limonene	5989-27-5	1.00% - 5.00%
Amines, n-tallow alkyltrimethylenedi-, ethoxylated	61790-85-0	1.00% - 5.00%
Pine oil	8002-09-3	1.00% - 5.00%

Section 4 - First Aid Measures

INHALATION - Take affected persons out into the fresh air. Supply fresh air; consult doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing.
In case of irregular breathing or respiratory arrest provide artificial respiration.
In case of unconsciousness place patient stably in side position for transportation.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - Immediately remove any clothing soiled by the product.
Immediately wash with water and soap and rinse thoroughly.
Rinse until skin no longer feels slippery.
If skin irritation continues, consult a doctor.

INGESTION - If material is ingested, rinse out mouth with water and seek immediate medical attention. Do not induce vomiting but if vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs. If victim is conscious drink large quantities of water to dilute stomach contents. Administering over-the-counter stomach antacids may be indicated.

Notes to Physician: If swallowed, gastric irrigation with added, activated carbon.
If swallowed or in case of vomiting, danger of entering the lungs.
If necessary oxygen respiration treatment.
Administering over-the-counter stomach antacids may be indicated.

Section 5 - Fire Fighting Measures

Flash Point: Not Applicable

LEL: 1.00

UEL: 20.00

EXTINGUISHING MEDIA: This product is not inherently flammable. Use media appropriate for surrounding fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance. Surrounding fire may vaporize acidic materials.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Keep nonessential personnel away from the contaminated area. Spilled product may be very slippery!

SMALL SPILLS: Ventilate the contaminated area. Mix the appropriate sorbent into the spilled material. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Mix the appropriate sorbent into the spilled material. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Avoid aerosolizing product. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

STORAGE: Requirements to be met by storerooms and receptacles:

Store in a cool location.

Provide ventilation for receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

REGULATORY REQUIREMENTS: No data found.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5	Not Established	Not Established	Not Established
Fatty acids, coco, reaction produc with diethlenetriamin and soya fatty acids, ehoxylated, chloromethane- quaternized 68604-75-1	Not Established	Not Established	Not Established

2-butoxyethanol 111-76-2	PEL 50 ppm 240mg/m3 Table z-1	TWA 20 ppm	Not Established
Amino silicone resin Silicone 1937	Not Established	Not Established	Not Established
Hydrotreated distillate, middle 64742-46-7	Not Established	Not Established	Not Established
Acetic acid 64-19-7	PEL (Vacated) TWA: 10 ppm (Vacated) TWA: 25 mg/m3 TWA: 10 ppm TWA: 25 mg/m3	TLV TWA: 10 ppm STEL: 15 ppm	NIOSH IDLH IDLH: 50 ppm TWA: 10 ppm TWA: 25 mg/m3 STEL: 15 ppm STEL: 37 mg/m3
Isopropanol 67-63-0	Z-1 TWA 400 ppm 980 mgm3 STEL 500 ppm 1,225 mg/m3	TWA 200 ppm STEL 400 ppm	NIOSH REL TWA 400 ppm 980 mg/m3 ST 500 ppm 1,225
d-Limonene 5989-27-5	Not Established	Not Established	8h TWA 30 ppm (AIHA Standard)
Amines, n-tallow alkyltrimethylenedi-, ethoxylated 61790-85-0	Not Established	Not Established	Not Established
Pine oil 8002-09-3	29 CFR 1910.1000 Table Z-1- A PEL 2mg/m3 TWA 8 hr 2 mg/m3	component TLV-TWA 2 ppm 12 mg/m3 TLV-STEL 3 ppm 19 mg/m3	Not Established

ENGINEERING:

VENTILATION: Use only with adequate ventilation, i.e., ventilation in compliance with occupational exposure limits. Use mechanical ventilation to reduce buildup of vapors in enclosed areas.

ADMINISTRATIVE CONTROLS: Read SDS and follow recommended procedures.

PROTECTIVE EQUIPMENT: Wear splash goggles. If extra protection is required, wear a face shield over the splash goggles. Face shields are effective only if worn in addition to splash goggles.

Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material.

Wear chemical-resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

Respiratory protection may not be needed if the local exhaust is sufficient to maintain levels of hazardous ingredients below occupational exposure limits. If needed, use a NIOSH/MSHA approved respirator equipped with a full facepiece, organic vapor cartridges, and high-efficiency, particulate air (HEPA) filters. Do not use respirators beyond their capabilities. FOR EMERGENCIES AND UNKNOWN CONCENTRATIONS, use supplied-air respiratory protection or a positive-pressure, self-contained breathing apparatus (SCBA).

CONTAMINATED EQUIPMENT: Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

Appearance: Clear, gold liquid	Odor: Lemon
Vapor Pressure: 15.6 mmHg	Odor threshold: No Data
Vapor Density: 1.1	pH: 4
Specific Gravity: 0.986	Melting point: Calculated
Freezing point: No Data	Solubility: No Data
Boiling range: 82°C	Flash point: Not Applicable
Evaporation rate: No Data	Flammability: No Data
Partition coefficient (n-octanol/water): No Data	Autoignition temperature: No Data
Decomposition temperature: No Data	Viscosity: No Data
Grams VOC less water: No Data	

Section 10 - Stability and Reactivity

Stability: Hazardous polymerization will not occur.

STABLE

Components of this mixture are incompatible with the following materials: strong oxidizers.

This mixture is likely to exhibit the following combustion products:

Oxides of carbon and nitrogen

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 19mg/L

Component Toxicity

111-76-2	2-butoxyethanol	Oral LD50: 1,400 mg/kg (Guinea pig) Dermal LD50: 2,001 mg/kg (Guinea pig) Inhalation LC50:
64742-46-7	Hydrotreated distillate, middle	Dermal LD50: 2,001 mg/kg (Rabbit) Inhalation LC50: 5 mg/L (Rat)
64-19-7	Acetic acid	Oral LD50: 3,310 mg/kg (rat) Dermal LD50: 1,060 mg/kg (rat) Inhalation LC50: 11 mg/L (rat)
67-63-0	Isopropanol	Oral LD50: 4,400 mg/kg (Rat)
8002-09-3	Pine oil	Oral LD50: 3,200 mg/kg (rat) Dermal LD50: 4,545 mg/kg (rabbit) Inhalation LC50: 366 mg/L (es

Inhalation Skin Contact Ingestion

Exposure to this material may affect the following organs:

Blood Kidneys Liver

Effects of Overexposure

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
-------------------	--------------------	-----------------	--------------------------

Section 12 - Ecological Information
--

Ecological information: No data found.

Component Ecotoxicity

2-butoxyethanol	<p>Acute: LC-50 (Oncorhynchus mykiss, 96 h): 1,474 mg/l Acute: EC-50 (Water Flea, 48 h): 1,550 mg/l Chronic: NOEC (daphnid, 21 d): 100 mg/l Chronic: NOEC (Zebra Fish, 21 d): > 100 mg/l Chronic: EC-50 (Algae (Pseudokirchneriella subcapitata), 72 h): 1,840 mg/l</p>
Hydrotreated distillate, middle	<p>Component Analysis- Ecotoxicity – Aquatic Life Duration / Test / Species Concentration / Conditions 96 Hr / LL50 / WAF Aquatic Vertebrates / 3.2-65 mg/L 7 Day / EL50 / WAF Daphnia magna / 2.0-210 mg/L 21 Day / EL-50 / Daphnia magna / >0.5 mg/L</p>
Acetic acid	<p>Fresh water fish Pimephales promelas: LC50 = 88 mg/L/96h Lepomis macrochirus: LC50 = 75 mg/L/96h Water Flea EC50 = 95 mg/L/24h Microtox Photobacterium phosphoreum: EC50 = 8.8 mg/L/15 min Photobacterium phosphoreum: EC50 = 8.8 mg/L/25 min Photobacterium phosphoreum: EC50 = 8.8 mg/L/5 min</p>
Isopropanol	<p>LC50 10400 mg/litre (Pimephelas promelas) LC50 1400 mg/l (Crangon crangon)</p>

Amines, n-tallow alkyltrimethylenedi-, ethoxylated	Ingredient Name or Product name Period	Result	Species	
	amines, n-tallow alkyltrimethylenedi-, ethoxylated	hour(s) 0.1 to 0.15 mg/l	based on data for: (similar material) (LC50)	96
	amines, tallow alkyl, ethoxylated	hour(s) 5.2 mg/l	Daphnia magna (EC50)	48
		hour(s) 0.65 mg/l	Oncorhynchus mykiss (LC50)	96
		hour(s) 0.68 mg/l	Oncorhynchus mykiss (LC50)	96
		hour(s) 1 mg/l	Pimephales promelas (LC50)	96
		hour(s) 1 mg/l	Lepomis macrochirus (LC50)	96
		hour(s) 1.3 mg/l	Lepomis macrochirus (LC50)	96
	poly(oxy-1,2-ethanediyl),	hour(s) >20000 mg/l	Oncorhynchus mykiss (LC50)	96
	.alpha.-hydro-.omega.-hydroxy-	hour(s) >5000 mg/l	Fish (LC50)	24
	amines, n-tallow alkyltrimethylenedi-	hour(s) 0.1 to 0.15 mg/l	Fish (LC50)	96

Section 13 - Disposal Considerations

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

Section 14 - Transport Information

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
USDOT	Non Regulated			

Section 15 - Regulatory Information

Additional regulatory listings, where applicable.

The following chemicals are listed in MA RTK

67-63-0 Isopropanol 1 to 5 %

111-76-2 2-butoxyethanol 5 to 10 %

The following chemicals are on the NJ RTK list:

67-63-0 Isopropanol 1 to 5 %

111-76-2 2-butoxyethanol 5 to 10 %

The following chemicals are on the PA RTK list

67-63-0 Isopropanol 1 to 5 %

111-76-2 2-butoxyethanol 5 to 10 %

Country

Canada

US

Regulation

Canadian Domestic Substances List

Toxic Substances Control Act

All Components Listed

No

Yes

EU Risk Phrases

Safety Phrase

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	<input type="text" value="2"/>
FLAMMABILITY	<input type="text" value="0"/>
PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text"/>

HMIS & NFPA Hazard Rating Legend

* = Chronic Health Hazard

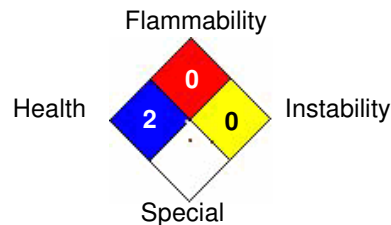
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



DISCLAIMER AND NON-WARRANTY: This Safety Data Sheet was prepared by Shore Corporation and is correct to the best of our knowledge, information and belief at the date of its publication. The information came from raw material suppliers, regulatory databases, and/or third parties with expertise in this area. This information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. No warranties of any kind, either expressed or implied, including warranties of the accuracy of the information presented and the suitability of a product for a particular purpose.

Reviewer Revision

Date Prepared: 8/2/2016