

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>BASE COAT</b>			
Product Use <b>Car Care Market</b>			
Manufacturer's Name <b>GLOSSBAUS INTERNATIONAL INC.</b>		Supplier's Name <b>GLOSSBAUS INTERNATIONAL INC.</b>	
Street Address <b>#9a – 10114 Mcdonald Park Road.</b>		Street Address <b>#9a – 10114 Mcdonald Park Road.</b>	
City <b>North Saanich</b>	Province <b>British Columbia</b>	City <b>North Saanich</b>	Province <b>British Columbia</b>
Postal Code <b>V8L 5X8</b>	Emergency Telephone <b>1-844-244-2287</b>	Postal Code <b>V8L 5X8</b>	Emergency Telephone <b>1-844-244-2287</b>
Date MSDS Prepared <b>April 1<sup>st</sup> / 2019</b>			

## SECTION 2 — HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

SECTION	HAZARD CLASS	CATEGORY	HAZARD CLASS AND CATEGORY	HAZARD STATEMENT
B.6	Flammable liquid	3	Flam. Liq. 3	H226
A.10	Accute toxicity (oral)	4	Acute Tox. 4	H302
A.2	Skin corrosion / irritation	2	Skin Irrit. 2	H314
A.3	Serious eye damage / irritation	2A	Eye Irrit. 2A	H318
A.7	Reproductive toxicity	2	Repr. 2	H361f
A.10	Aspiration hazard	1	Asp. Tox. 1	H304

The most important adverse physicochemical, human health and environmental effects:

The product is combustible and can be ignited by potential ignition sources.

### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

2.3 **Signal word:** danger

2.4 Pictograms: GHS02, GHS07, GHS08



### 2.5 Hazard statements:

- ≡ H226 Flammable liquid and vapor.
- ≡ H302 Harmful if swallowed.
- ≡ H304 May be fatal if swallowed and enters airways.
- ≡ H315 Causes skin irritation.
- ≡ H319 Causes serious eye irritation.
- ≡ H361f Suspected of damaging fertility

## 2.6 Precautionary statements:

1. P201 Obtain special instructions before use.
2. P202 Do not handle until all safety precautions have been read and understood.
3. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
4. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment.
5. P241 Use explosion-proof electrical/ventilating/lighting equipment.
6. P242 Use only non-sparking tools.
7. P243 Take precautionary measures against static discharge.
8. P264 Wash thoroughly after handling.
9. P270 Do not eat, drink or smoke when using this product.
10. P280 Wear protective gloves/eye protection/face protection.
11. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
12. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
13. P302+P352 IF ON SKIN: Wash with plenty of water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
14. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
15. P321 Specific treatment (see on this label).
16. P330 Rinse mouth.
17. P331 Do NOT induce vomiting.
18. P332+P313 If skin irritation occurs:

Get medical advice/attention.

19. P337+P313 If eye irritation persists:

Get medical advice/attention.

20. P362+P364 Take off contaminated clothing and wash it before reuse.

21. P370+P378 In case of fire:

Use sand, carbon dioxide or powder extinguisher to extinguish.

22. P403+P235 Store in a well-ventilated place. Keep cool.

23. P405 Store locked up.

24. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.6 Other hazards:

Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and chronic).

## SECTION 3 — COMPOSITION / INFORMATION

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	CLASSIFICATION ACC. TO GHS
<b>Organosilane</b>	90.00%	475645-84-2	Flam. Liq. 3 / H226 Acute Tox. 4 / H302 Skin Corr. 2 / H314 Eye Dam. 2A / H318
<b>Proprietary Blend</b>	10.00%	24772-51-8	Flam. Liq. 3 / H226 Acute Tox. 4 / H302 Skin Corr. 2 / H314 Eye Dam. 2A / H318

## SECTION 4 — FIRST AID MEASURES

### 4.1 Description of first-aid measures:

#### General notes:

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation:

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

#### Following skin contact:

Wash with plenty of soap and water.

#### Following eye contact:

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion:

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed:

Symptoms and effects are not known to date

### 4.3 Indication of any immediate medical attention and special treatment needed:

None

SAMPLE FORMAT PROVIDED BY THE WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA

## SECTION 5 — FIRE FIGHTING MEASURES

### 5.1 Extinguishing media:

**FLASH POINT: 49 °C**

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

### 5.2 Special hazards arising from the substance or mixture:

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

#### Hazardous combustion products:

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters:

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Remove persons to safety.

For emergency responders:

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### 6.2 Environmental precautions:

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up:

Advices on how to contain a spill:

Covering of drains

Advices on how to clean up a spill:

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

Appropriate containment techniques:

Use of adsorbent materials.

Other information relating to spills and releases:

Place in appropriate containers for disposal. Ventilate affected area.

## SECTION 7 — HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Recommendations:

Measures to prevent fire as well as aerosol and dust generation:

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

Specific notes/details:

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene:

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

## 7.2 Conditions for safe storage:

### Explosive atmospheres:

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

### Flammability hazards:

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

### Ventilation requirements:

Use local and general ventilation. Ground/bond container and receiving equipment.

### Packaging compatibilities:

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

## 7.3 Specific end use(s)

See section 16 for a general overview.

# SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

## Exposure controls:

### Appropriate engineering control:

General ventilation.

### Individual protection measures (personal protective equipment):

Wear eye/face protection.

### Hand protection:

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### Other protection measures:

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

### Respiratory protection:

In case of insufficient ventilation, where appropriate respiratory equipment

### Environmental exposure controls:

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.



## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance <b>Penetrating – like solvent</b>	Color Clear
Autoignition Temperature: 215 °C	Vapour Pressure 0.94 g /ml at 25 °C 7.92 lb/gal at 25 °C	Flashpoint 49 °C at 101.3 kPa 121 °F at 1 atm
Evaporation Rate Not Determined	Boiling Point (° C) 64.6 ° C	Freezing Point (° C) Not Determined
pH	Coefficient of Water/Oil Distribution	[Solubility in Water]

## SECTION 10 — STABILITY AND REACTIVITY

### 10.1 Reactivity If heated:

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid Hints to prevent fire or explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 10.5 Incompatible materials

Material will react slowly with water and other protic substances. This product may react with mineral acids, alkalis, and oxidizing agents. Caution should be taken when mixing this product with any of these materials.

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11 — TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

#### Classification procedure:

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

#### Acute toxicity:

Harmful if swallowed.

#### Serious eye damage/eye irritation:

Causes serious eye irritation.

#### Respiratory or skin sensitization:

Shall not be classified as a respiratory or skin sensitizer.

#### Germ cell mutagenicity:

Shall not be classified as germ cell mutagenic.

**Carcinogenicity:**

Shall not be classified as carcinogenic.

**Reproductive toxicity:**

Suspected of damaging fertility.

**Specific target organ toxicity (Single Exposure):**

Shall not be classified as a specific target organ toxicant (single exposure)

**Specific target organ toxicity: (Repeated Exposure)**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard:**

May be fatal if swallowed and enters airways.

## SECTION 12 — ECOLOGICAL INFORMATION

### **12.1 Toxicity**

Very toxic to aquatic life with long lasting effects.

### **12.1 Persistence and degradability**

Data are not available.

### **12.3 Bioaccumulative potential**

Data are not available.

### **12.4 Mobility in soil**

Data are not available.

### **12.5 Results of PBT and vPvB assessment**

Data are not available.

### **12.6 Other adverse effects**

The mixture contains substance(s) with an endocrine disrupting potential.

## SECTION 13 — DISPOSAL CONSIDERATIONS

### **13.1 Waste treatment methods**

**Waste treatment-relevant information**

Solvent reclamation/regeneration.

**Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

## Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

## Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Do not mix this product with aqueous or other protic waste streams. Incinerations of combustible waste material in a permitted facility in accordance with the local, state and federal regulations is the recommended disposal method.

## SECTION 14 — TRANSPORT INFORMATION

### 14.1 UN number: 3082

### 14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Technical name (hazardous ingredients): Organosilane

### 14.3 Transport hazard class(es): Class 3

#### ADR

Transport hazard class(es) (ADR) : 9

Danger labels (ADR): 9



#### IMDG

Transport hazard class(es) (ADR) : 9

Danger labels (ADR): 9



#### IATA

Transport hazard class(es) (ADR) : 9

Danger labels (ADR): 9



#### ADN

Transport hazard class(es) (ADR) : 9

Danger labels (ADR): 9



#### RID

Transport hazard class(es) (ADR) : 9

Danger labels (ADR): 9





#### 14.4 Packing group III (substance presenting low danger)

#### 14.5 Environmental hazards:

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

#### 14.6 Special precautions for user:

There is no additional information.

#### 14.7 Transport in bulk (according to Annex II of MARPOL and the IBC Code)

There is no additional information.

### SECTION 15 — REGULATORY INFORMATION

Labeling in accordance with EC-Directives

#### Risk Phrases:

**R22** – harmful if swallowed.

**R36/38** – eye & skin irritant: avoid prolonged exposure.

**R37** - respiratory system irritant: may cause nausea & avoid inhalation.

#### Safety Phrases:

**S36/37** - wear suitable protective clothing and gloves.

**S61** - avoid release to the environment. Refer to special instructions/safety data sheet

**S62** - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### SECTION 16 — OTHER INFORMATION

#### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200. Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

#### Classification procedure

Physical and chemical properties: The classification is based on tested mixture. Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

#### Code Text:

H224 Extremely flammable liquid and vapor.

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H227 Combustible liquid.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H361f Suspected of damaging fertility

**Disclaimer:**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to all your employees.

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