

1. Identification

1.1. Product identifier

Product Identity

Roar Coatings - AG Coating

1.2. Identified uses of the substance and uses:

Industrial Protection

1.3. Supplier of the safety data sheet Company Name

Roar Coatings USA
100 E Pine St STE 110
Orlando, FL 32801**Emergency: Roar Coatings USA**

Telephone : 407-326-8189

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Flam. Liq. 2;H225	Highly Flammable liquid and vapor.
Acute Tox. 4;H302	Harmful if swallowed.
Skin Irrit. 2;H315	Causes skin irritation.
Eye Dam. 2A;H319	Causes serious eye irritation.
Skin Sens. 1;H317	May cause an allergic skin reaction.
Repr. 2;H361	Suspected of damaging fertility or the unborn child.
STOT RE 2;H373	May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: ()
Aquatic Acute 3;H402	Harmful to aquatic life.
Aquatic Chronic 3;H412	Harmful to aquatic life with long lasting effects.

2.2. Label elements



- Highly flammable liquid and vapor.
- Harmful if swallowed.

- Causes skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye irritation.
- Suspected of damaging fertility or the unborn child.
- May cause damage to organs through prolonged or repeated exposure.
- Harmful to aquatic life.
- Harmful to aquatic life with long lasting effects.

[Prevention]

Obtain special instructions before use.

- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames, and other ignition sources - No smoking.
- Keep container tightly closed.
- Ground, bond container and receiving equipment.
- Use explosion-proof electrical, ventilating, light, equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid breathing dust, fume, gas, mist, vapors, spray.
- Wash thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective gloves, eye protection, face protection.

[Response]

IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.

SKIN CONTACT: Wash with plenty of soap and water.

SKIN OR HAIR CONTACT: Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing.

IF EXPLODED: Get medical advice or attention if concerned.

Contact a POISON CENTER, doctor or physician if you feel unwell.

IF SWALLOWED: Rinse mouth.

SKIN IRRITATION OR RASH: Get medical advice or attention.

EYE IRRITATION: Get medical advice or attention.

Always remove any contaminated clothing and wash before reuse.

FIRE: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]

Store in a well ventilated place. Keep cool.

Store locked up securely.

[Disposal]

Dispose of contents or container in accordance with local and national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Chemical Ingredient	Weight %	CAS Number	Notes
Polysiloxane (proprietary blend)	55 - 85	68957-04-0	----
Cyclosilazanes polymers with di-Me	5 - 15	475645-84-2	----
para-chlorobenzotrifluoride	5 - 12	98-56-6	----
TBAc	3 - 8	540-88-5	----
Acrylate Polymer(s)	1 - 6	Proprietary blend	----

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General	In any case of doubt, or when symptoms may persist, always seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or not present, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention.
Eyes	Irrigate thoroughly with clean water for at least 15-20 minutes. Hold the eyelids apart and seek medical attention immediately.
Skin	Remove all contaminated clothing. Wash skin thoroughly with soap and water o
Ingestion	DO NOT induce vomiting. This material is not soluble. DO NOT give fluids. If spontaneous vomiting is inevitable, CONTACT A PHYSICIAN IMMEDIATELY.

4.2. Most important symptoms and effects, both acute and delayed

Overview	No specific symptom data available. Treat symptomatically.
Eyes	Causes serious eye irritation.
Skin	May cause an allergic skin reaction. Causes skin irritation.
Ingestion	Harmful if swallowed.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO², water spray or powder.
Unsuitable extinguishing media: DO NOT use a strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

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

Keep container tightly closed.

Ground, bond container and receiving equipment.

Use explosion-proof electrical, ventilating, light, equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust, fume, gas, mist, vapors, spray.

5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

Section 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment.

6.2. Environmental precautions

Do not allow any liquid enter drains or waterways.

Use good personal hygiene practice. Always wash hands before eating, drinking, smoking, or using toilet. Always remove soiled clothing and wash thoroughly before re-use.

6.3. Methods and material for containment and cleaning up

Ventilate the area thoroughly. Always follow the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth etc.

Place in closed containers outside the building and dispose of according to the local regulations.

Section 7. Handling and storage**7.1. Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: Store away from oxidizers products and acids.

Section 8. Exposure controls / personal protection

8.1. Control parameters

		Exposure	
CAS No.	Ingredient	Source	Value
0000098-56-6	para-chlorobenzotrifluoride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0000540-88-5	TBAC	OSHA	TWA 200 ppm (950 mg/m ³)
		ACGIH	TWA: 200 ppm
		NIOSH	TWA 200 ppm (950 mg/m ³)
0068957-04-0	Polysiloxane (proprietary blend)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0475645-84-2	Cyclosilazanes polymers with di-Me	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary	Acrylate Polymer(s)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

8.2. Exposure controls

Respiratory Use the appropriate certified respirator.

Eyes Safety glasses recommended.

Skin Protective gloves recommended.

Engineering Controls Provide adequate ventilation.

Other Work Practices Wash hands before eating, drinking, smoking, or using toilet.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Color: Black semi transparent Liquid

Odor Ammonia type solvent smell

Odor threshold	Not determined
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	>94°F
Flash Point	67°F
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Relative Density	Not Measured
Solubility in Water	Reacts with water
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity**10.1. Reactivity**

No data available.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Store away from oxidizers and acids.

10.6. Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological Information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2A	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	2	Suspected of damaging fertility or the unborn child.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	2	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	Not Applicable

Section 12. Ecological information

12.1. Toxicity

Harmful to aquatic life.

Harmful to aquatic life with long lasting effects.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Polysiloxane (proprietary blend) - (68957-04-0)	Not Available	Not Available	Not Available
Cyclosilazanes polymers with di-Me - (475645-84-2)	Not Available	Not Available	Not Available
para-chlorobenzotrifluoride - (98-56-6)	11.50, Lepomis macrochirus	3.68, Daphnia magna	Not Available
TBAc - (540-88-5)	327.00, Pimephales promelas	Not Available	1,300.00 (24 hr), Chlorococcales
Acrylate Polymer(s)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

Section 13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state, and local regulations when disposing of this substance.

Section 14. Transport information

Shipping Information: Product is not UN rated in product sizes as sold.

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN2924	UN2924	UN2924
14.2. UN proper shipping name	UN2924, Flammable liquids, corrosive, n.o.s., ORGANIC POLYSILAZANE COMPOUND), 3 (8), (8), II	Flammable liquids, corrosive, n.o.s., (ORGANIC POLYSILAZANE COMPOUND)	Flammable liquids, corrosive, n.o.s., (ORGANIC POLYSILAZANE COMPOUND)
14.3. Transport hazard class(es)	DOT Hazard Class: 3 (8) Sub Class: 8	IMDG: 3 Sub Class: 8	Air Class: 3 Sub Class: 8
14.4. Packing group	II	II	II
14.5. Environmental hazards	Marine Pollutant: No;		
14.6. Special precautions for user	Not Applicable		

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

EPCRA 302 Extremely Hazardous:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):
p-Chloro-a,a,a-trifluorotoluene

Proposition 65 - Developmental Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:

WARNING: This product can expose you to chemicals including [p-Chloro-a,a,a-trifluorotoluene], which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Section 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

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.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.