

ScratchMax
Safety Data Sheet
29 CFR 1910.1200

* **1 Identification**

- **SDS version (country) US1**
- **Product identifier**

- **Trade name:** ScratchMax
- **Synonym / Description:** UV Curable Coating
- **CAS Number:** N/A

- **EC number:** N/A

- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
UV curable coating for automotive topcoat scratch repair.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

FinishFirst Auto Products
6700 NE 152nd Ave #200
Vancouver WA 98682

Company telephone number (800) 998-9208
Emergency telephone number (800) 535-5053 (24hrs)

* **2 Hazard(s) identification**

- **Classification of the substance or mixture**



GHS09 Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irritant. 2 H315 Causes skin irritation.
Eye Irritant 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

- **Additional information:**

Information on acute toxicity of ingredients:
please refer to section 11 for data on acute toxicity; in case no data are given for a specific substance being present >1%, the acute toxicity of this substance is unknown

- **Label elements**

· **GHS label elements** The product is classified and labeled according 20CFR 1910.1200

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· **Hazard pictograms**



GHS07 GHS09

· **Signal word** Warning

· **Hazard statements**

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store locked up.

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

· **Other Hazards:** Hazards Not Otherwise Classified (HNOC): No

· **Additional information:**

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation.

· **Hazard description:**

· **WHMIS-symbols:**

D2B - Toxic material causing other toxic effects



· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 1

Reactivity = 1

· **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 1

Reactivity = 1

3 Composition/information on ingredients

· **Chemical characterization: Proprietary**

· Mixture:

Acrylate monomers 80-90%

Urethane oligomers 0-20%

Photoinitiators 0-10%

Amine Acrylate 0- 5%

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4 First-aid measures

- **Description of first aid measures**
- **General information:**
*Immediately remove any clothing soiled by the product.
Involve doctor immediately.*
- **After inhalation:**
*In case of unconsciousness place patient stably in side position for transportation.
In the case of accidental inhalation of vapors provide fresh air, rest and warmth.
Supply fresh air and to be sure consult a doctor.*
- **After skin contact:**
*Immediately wash with water and soap and rinse thoroughly.
Avoid contact with UV- and sunlight.*
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
*Call a doctor immediately.
Rinse out mouth and then drink plenty of water.*
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
*CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.*
- **For safety reasons unsuitable extinguishing agents:** *Water with full jet*
- **Special hazards arising from the substance or mixture**
*In case of fire, the following can be released:
CO_x, NO_x*
- **Advice for firefighters**
- **Protective equipment:**
*Wear self-contained respiratory protective device.
Wear fully protective suit.*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
*Ensure adequate ventilation
Keep people at a distance and stay upwind.*
- **Environmental precautions:**
*Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.*

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- **Methods and material for containment and cleaning up:**
*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.*
- **Reference to other sections**
*See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.*

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
*Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.*
- **Information about protection against explosions and fires:**
*Keep ignition sources away - Do not smoke.
Protect from heat.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**
*Keep receptacle tightly sealed.
Store in cool, dry conditions in sealed containers.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.
Store under lock and key or with access restricted to technical experts or their assistants only.
Do not store at temperatures above 40 °C.*
- **Specific end use(s)** *No further relevant information available.*

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** *Not required.*
- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
*The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.*
- **Breathing equipment:**
*In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Use suitable respiratory protective device only when aerosol or mist is formed.*

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· **Protection of hands:**

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Protective gloves

· **Material of gloves**

Products used with solvents: wear thick (>0.5mm) nitrile gloves. Replace gloves immediately when torn or any change in appearance (dimension, color, flexibility, etc.) is noticed.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Safety glasses with sideshields

Goggles recommended during remixing.

· **Body protection:** Impervious protective clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· Form:	Fluid
· Color:	Yellow tint
· Odor:	Ester like
· Odor threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· Melting point/Melting range:	- 60 °C
· Boiling point/Boiling range:	> 200 °C (> 392 °F)

· **Flash point:** > 100 °C (> 212 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:**

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not self -igniting.

· **Danger of explosion:** Not determined.

· **Explosion limits:**

· Lower:	Not determined.
· Upper:	Not determined.

· **Vapor pressure:** Not determined.

· **Density at 20 °C (68 °F):** 0.993 g/cm³ (8.287 lbs/gal)

· **Relative density** Not determined.

· **Vapor density** Not determined.

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· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic (77°F):	approx. 8 mPas
Kinematic:	Not determined.
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
 No decomposition if used and stored according to specifications.
 Polymerization occurs when exposed to white light, ultraviolet light or heat.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:**
 Avoid contact with radical forming initiators, peroxides, strong alkali or reactive metals to prevent exothermic polymerization.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
 Available data are listed below; for endpoints not addressed in section 11, no data are available
- **Acute toxicity:**

· Primary irritant effect:		
5888-33-5 Isobornyl acrylate		
Irritation of skin	OECD 404 Skin irritation	1.8 (rabbit) (PII 0-8) literature

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)** Substance is not listed.

· NTP (National Toxicology Program)
Substance is not listed.
· OSHA-Ca (Occupational Safety & Health Administration)
Substance is not listed.

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12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bio-accumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Eco toxic effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Can be incinerated, when in compliance with local regulations.
- **Uncleaned packaging containers:**
- **Recommendation:**
Disposal must be made according to official regulations.
Packaging containers can be reused or recycled after cleaning.

14 Transport information

- | |
|---|
| <ul style="list-style-type: none">· UN-Number· DOT Not classified as dangerous for transport |
| <ul style="list-style-type: none">· UN proper shipping name· DOT Void |
| <ul style="list-style-type: none">· Transport hazard class· DOT· Class Void |
| <ul style="list-style-type: none">· Packing group· DOT Void |
| <ul style="list-style-type: none">· Environmental hazards:· Marine pollutant: Yes
Symbol (fish and tree) |

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15 Regulatory information

- **Safety, health and environmental regulations/ legislation specific for the substance or mixture**
- **SARA**

· **Section 355 (extremely hazardous substances):**

Substance is not listed.

· **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

· **TSCA (Toxic Substances Control Act):**

Substance is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

Substance is not listed.

· **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

· **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

· **Chemicals known to cause developmental toxicity:**

Substance is not listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

Substance is not listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

Substance is not listed.

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

Substance is listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)** None of the ingredients is listed

· **Canadian Ingredient Disclosure list (limit 1%)** None of the ingredients is listed

16 Other information

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method to use. We do not accept responsibility for any harm caused by the use of this information. Furthermore nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use. In all cases, our general conditions of sale apply.

· **Abbreviations and acronyms:**

ADR: Accord Européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada) Skin Irritant. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irritant 2A: Serious eye damage/eye irritation, Hazard Category 2A

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2