

# SAFETY DATA SHEET

## SECTION 1 IDENTIFICATION

Product Name: ACCELERATE HAIR Product Code: ACCELERATE HAIR

Product Use: Surface Coating

Restrictions on Use: None known

EMERGENCY CONTACT: PERS

DOMESTIC & CANADA : (800) 633-8253

INTERNATIONAL: (801) 629-0667

WhiteStone Concrete Design

411 Lawndale Dr. Suite B, SLC, UT 84115

## SECTION 2. HAZARD(S) IDENTIFICATION

### GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Oral Toxicity	Acute Tox. 4	
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$
Reproductive toxin	1B	Presumed, Based on experimental animals

### GHS Hazards

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H316	Causes mild skin irritation
H360	May damage 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
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P264	Wash ... thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P330	Rinse mouth
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P370+P378	In case of fire: Use ... for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to ...

Signal Word: Danger



**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS number	Weight Concentration %
2,4,PENTANEDIONE	123-54-6	90.00% - 100.00%
Proprietar	77-58-7	5.00% - 10.00%

**SECTION 4. FIRST AID MEASURES**

If inhaled remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms  
 Rinse immediately with plenty of water for at least 15 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Remove contacts if present and easy to do. Continue Rinsing. Get medical attention, if irritation or symptoms of overexposure persists.  
 Immediately wash skin with soap and plenty of water.  
 If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person

**SECTION 5. FIRE FIGHTING MEASURES**

Flash Point: 34 C (93 F)  
 LEL: N/A UEL: N/A  
 Not applicable  
 Foam, Carbon dioxide (CO2) or dry chemical or water spray (water stream may be ineffective).  
 No information available  
 Not available

Firefighters, and others exposed, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Stop leak. Dike or contain spill. Pump into slavage tanks and/or absorb with suitable material. Use sparkless shovel to remove material. Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use appropriate containment and clean up immediately.  
 Stop leak, Dike and contain spill. Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.

**SECTION 7. HANDLING and STORAGE**

Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Keep away from heat and flame. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.  
 Avoid exposure to heat, light, and air for prolonged periods of time. Store in a cool, dry well ventilated area away from sources of heat and incompatable materials. Eliminate all ignition materials and incompat'ble materials. Collect spill with non spark tools.  
 No information available.

**SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
2,4,PENTANEDIONE 123-54-6	Not Established	25 ppm TWA	Not Established

Proprietar 77-58-7	Not Established	Not Established	Not Established
-----------------------	-----------------	-----------------	-----------------

Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactory and meets OSHA or other recognized standards. Consult with local procedures for selection, training, and maintenance of the personal protective equipment. Always use adequate ventilation that comply with local regulations.

Eye/face Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166

Skin Protection: Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

Respiratory Protection: A NIOSH air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known or any other circumstance where air purifying respirator may not provide adequate protection.

## SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

<p><b>Appearance:</b> Not Applicable</p> <p><b>Vapor Pressure:</b> 6.4 mmHg</p> <p><b>Vapor Density:</b> 3.5</p> <p><b>Specific Gravity:</b> 1.00</p> <p><b>Freezing point:</b> Not Applicable</p> <p><b>Boiling range:</b> 138°C</p> <p><b>Evaporation rate:</b> Not Applicable</p> <p><b>Explosive Limits:</b> N/A</p> <p><b>Autoignition temperature:</b> 335°C</p> <p><b>Viscosity:</b> Not Applicable</p> <p><b>% Solids by Volume</b> 8.75</p> <p><b>Lbs / Gal</b> 8.39</p>	<p><b>Odor:</b> Not Applicable</p> <p><b>Odor threshold:</b> Not Applicable</p> <p><b>pH:</b> Not Applicable</p> <p><b>Melting point:</b> Not Applicable</p> <p><b>Solubility:</b> Not Applicable</p> <p><b>Flash point:</b> 93°F, 34°C</p> <p><b>Flammability:</b> 93°F, 34°C</p> <p><b>Partition coefficient (n-octanol/water):</b> Not Applicable</p> <p><b>Decomposition temperature:</b> Not Applicable</p> <p><b>% VOL by Volume</b> 7.80</p> <p><b>% Solids by Weight</b> 1.04</p>
---	---

## SECTION 10. STABILITY and REACTIVITY

Stable, Hazardous polymerization will not occur.

**STABLE**

Strong acids, caustics, oxidizers, Avoid uncontrolled exposure to Epoxy Resin, Amine, Isocyanates.

None known, other than Sec. #2 and Sec #5

Hazardous polymerization will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Mixture Toxicity

Oral Toxicity LD50: 643mg/kg

Inhalation Toxicity LC50: 1,316mg/L

### Component Toxicity

123-54-6

2,4,PENTANEDIONE

Inhalation LC50: 1,224 ppm (Rat)

**Effects of Overexposure**

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

Avoid breathing vapors

Oral: N.D.A.

Dermal: N.D.A.

Inhalation: N.D.A.

**SECTION 12. ECOLOGICAL INFORMATION**

No ecotoxicity data was found for the product

**Component Ecotoxicity**

2,4,PENTANEDIONE

96 Hr LC50 Pimephales promelas: 98.3 - 110 mg/L [flow-through]; 96 Hr LC50  
 Lepomis macrochirus: 50.3 - 71.8 mg/L [flow-through]; 96 Hr LC50  
 Oncorhynchus mykiss: 64.1 - 80.1 mg/L [flow-through]  
 48 Hr EC50 Daphnia magna: 34.4 mg/L

**SECTION 13. DISPOSAL INFORMATION**

Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

**SECTION 14. TRANSPORT INFORMATION**

UN1263 Paint Related Material; Packaging Group III: Hazardous Class 3

NMFC 14998002; Flammable Liquid; Class 92.5

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
---------------	-----------------------------	------------------	----------------------	---------------------

**SECTION 15. REGULATORY INFORMATION**

OSHA:29 CFR 1910.1200 Hazardous Chemical "Irritant", Sensitizer

TSCA: Ingredients listed

SARA III: Sec311 &amp; 312 Immediate Health Hazard; Sec313 Chemicals above de minimus level: None

CA PROP. 65 NOTICE WARNING:

**CANADIAN REGULATORY INFORMATION**

WHMIS; Hazard Classification: D2B Skin Sensitizer. Refer to SDS for specific warnings

WHMIS Symbols: Stylized T.

WHMIS Trade Secret Registry Numbers: None

Hazardous Products Act Information: This product SDS contains ingredients which are Controlled and/or on the Ingredient Disclosure List (HPA sections 13 and 14).

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
----------------	-------------------	------------------------------

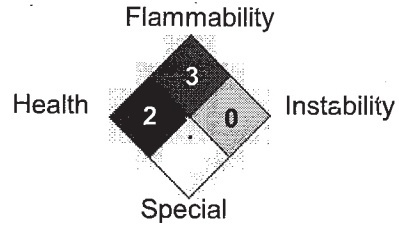
**SECTION 16. ADDITIONAL INFORMATION**

**Hazardous Material Information System (HMIS)**

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	2
PERSONAL PROTECTION	H

**HMIS & NFPA Hazard Rating Legend**  
\* = Chronic Health Hazard  
0 = INSIGNIFICANT  
1 = SLIGHT  
2 = MODERATE  
3 = HIGH

**National Fire Protection Association (NFPA)**



Date Prepared: 9/1/2020

Reviewer Revision