



# SAFETY DATA SHEET

Revision date 30-May-2017

Version 1

Supersedes Date: No information available

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name** 2.1 VOC HP QUICK FINISH ACTIVA

**Product Code** FS-50142.Q01

**UN/ID no** UN1263

**Recommended Use** Paint, Coatings

### Details of the supplier of the safety data sheet

*See section 16 for more information*

5 STAR XTREME  
a division of IAMG/International Autobody Marketing Group  
1505 N. Hayden Road  
Suite 111  
Scottsdale, AZ 85257  
www.5StarXtreme.com  
1-87REFINISH

5 STAR XTREME  
a division of IAMG/International Autobody Marketing Group  
1368 United Blvd.  
Unit 102  
Coquitlam, BC V3K 6Y2  
www.5StarXtreme.com  
1-87REFINISH

**E-mail address** [No information available](#)

**Emergency telephone number** Chemtrec: 800-424-9300

## Section 2: HAZARDS IDENTIFICATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

### Classification

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Vapors)	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 3

### Label elements



**Signal word**

**DANGER**

#### HAZARD STATEMENTS

Flammable liquid and vapor

Harmful if swallowed

Harmful if inhaled

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction

May cause respiratory irritation

#### PREVENTION

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.

#### RESPONSE

Get medical advice/attention if you feel unwell.

##### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Skin

If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

##### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

##### Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

##### Fire

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

#### STORAGE

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.

#### DISPOSAL

Dispose of contents/containers in accordance with local regulations.

#### OTHER HAZARDS

Not applicable.

#### UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown toxicity.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Hexamethylene diisocyanate homopolymer	28182-81-2	55 - 60
Methyl n-amyl ketone	110-43-0	40 - 45
Hexamethylene diisocyanate	822-06-0	0.1 - <0.3

## Section 4: FIRST AID MEASURES

### First Aid Measures

#### General advice

Get medical advice/attention if you feel unwell.

#### Eye contact

If eye irritation persists: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### Skin Contact

If skin irritation or rash occurs: Get medical advice/attention IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower Wash contaminated clothing before reuse

#### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

#### Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth

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

**Symptoms** No information available.

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

**Note to physicians** Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

**Flammable properties** Combustible liquid.

**flash point** 102 °F / 39 °C

**Upper flammability limit:** No information available

**Lower flammability limit:** No information available

**Autoignition temperature** No information available

#### Explosion data

Sensitivity to Mechanical Impact No information available.  
Sensitivity to Static Discharge No information available.

#### Suitable extinguishing media

Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

#### Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation. May cause sensitization by skin contact.

#### Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

## Section 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

### Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so.

### Methods for containment

Prevent further leakage or spillage if safe to do so.

### Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically, placing in appropriate containers for disposal. Pick up and transfer to properly labeled containers.

## Section 7: HANDLING AND STORAGE

### General advice

Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be exposed to any process in which this product is used. Examination of lung function should be carried out on a regular basis on persons spraying this product.

### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

### General Hygiene Considerations

Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

### Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep tightly closed in a dry and cool place.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Exposure Limits

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	Alberta	British Columbia	Ontario TWA	Quebec	OSHA PEL
Methyl n-amyl ketone 110-43-0	TWA: 50 ppm	TWA: 50 ppm TWA: 233 mg/m <sup>3</sup>	TWA: 50 ppm	TWA: 25 ppm TWA: 115 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 233 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 465 mg/m <sup>3</sup>
Hexamethylene diisocyanate 822-06-0	TWA: 0.005 ppm	TWA: 0.005 ppm TWA: 0.03 mg/m <sup>3</sup>	TWA: 0.005 ppm Ceiling: 0.01 ppm Sensitizer	TWA: 0.005 ppm CEV: 0.02 ppm	TWA: 0.005 ppm TWA: 0.034 mg/m <sup>3</sup>	

### Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

### Personal Protective Equipment

#### Eye/face protection

Tight sealing safety goggles.

### Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

### Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

### Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

### Thermal Protection

No information available

### Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	liquid
Appearance	No information available
Odor	Solvent
Color	clear
Odor Threshold	No information available
pH value	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	No information available °C / °F
flash point	39 °C / 102 °F
evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor Pressure	No information available
vapor density	No information available
Density (lbs per US gallon)	8.17
specific gravity	.98
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

### Other information

## Section 10: STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Incompatible materials	Strong oxidizing agents.
Conditions to avoid	Heat, flames and sparks.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO2).
Possibility of Hazardous Reactions	None under normal processing.

Hazardous polymerization

None under normal processing.

## Section 11: TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Eye contact**

Not applicable

**Skin Contact**

May cause an allergic skin reaction

**Ingestion**

Harmful if swallowed

**Inhalation**

Harmful if inhaled

May cause respiratory irritation

### Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hexamethylene diisocyanate homopolymer 28182-81-2	-	-	= 18500 mg/m <sup>3</sup> ( Rat ) 1 h
Methyl n-amyl ketone 110-43-0	= 1670 mg/kg ( Rat ) = 1600 mg/kg ( Rat )	= 12600 µL/kg ( Rabbit ) = 12.6 mL/kg ( Rabbit )	> 2000 ppm ( Rat ) 4 h
Hexamethylene diisocyanate 822-06-0	= 710 µL/kg ( Rat )	= 593 mg/kg ( Rabbit )	= 0.06 mg/L ( Rat ) 4 h

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 1143 Mg/kg

ATEmix (inhalation-dust/mist) 1.5 mg/l

ATEmix (inhalation-vapor) 11 mg/l

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	Not applicable
<b>Serious eye damage/eye irritation</b>	Not applicable
<b>Skin sensitization</b>	May cause an allergic skin reaction
<b>Respiratory sensitization</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled
<b>Germ cell mutagenicity</b>	Not applicable
<b>Carcinogenicity</b>	Not applicable
<b>Reproductive Toxicity</b>	Not applicable
<b>Specific target organ toxicity (single exposure)</b>	May cause respiratory irritation
<b>Specific target organ toxicity (repeated exposure)</b>	Not applicable
<b>Aspiration hazard</b>	Not applicable

## Section 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Environmental precautions Prevent product from entering drains.

### Persistence and degradability

No information available

### Bioaccumulation

No information available

**Mobility**

No information available

**Other adverse effects**

No information available

**Section 13: DISPOSAL CONSIDERATIONS****Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations

**Contaminated packaging**

Improper disposal or reuse of this container may be dangerous and illegal.

**Section 14: TRANSPORT INFORMATION**

	<b>TDG</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN/ID no</b>	UN1263	UN1263	UN1263
<b>Proper shipping name</b>	Paint	Paint	Paint
<b>Hazard Class</b>	3	3	3
<b>Packing Group</b>	III	III	III
<b>Environmental hazard</b>	Not applicable		
<b>Special Provisions</b>		163, 223, 367 955 <b>EmS-No</b> F-E, S-E	A3, A72, A192
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>			No information available

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

**Section 15: REGULATORY INFORMATION**

<b>TSCA</b> - United States Toxic Substances Control Act Section 8(b) Inventory	All components are listed or exempt from listing
<b>DSL</b> - Canadian Domestic Substances List	All components are listed or exempt from listing

<b>Chemical Name</b>	<b>Canada - NPRI (National Pollutant Release Inventory)</b>
Methyl n-amyl ketone	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)

**Section 16: OTHER INFORMATION****HMIS**

<b>Health hazards</b>	3*
* = Chronic Health Hazard	
<b>Flammability</b>	2
<b>Physical hazards</b>	0
<b>Personal Protection</b>	X

**Prepared By** Regulatory Department

**Revision date** 30-May-2017

**Revision Note** No information available

**Disclaimer**

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

**End of Safety Data Sheet**