

# SAFETY DATA SHEET

Revision date 02-Jan-2020 Version 17 Supersedes Date: 27-Sep-2019

# Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name SS HOT ROD FLAT BLACK

Product Code FS-8001.Q01

UN/ID no UN1263

Recommended Use Tint, colorant

### 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

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1-87REFINISH

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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

Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

# Label elements



Signal word

**DANGER** 

#### **HAZARD STATEMENTS**

Highly flammable liquid and vapor
Causes serious eye irritation
May cause an allergic skin reaction
May cause cancer
Suspected of damaging fertility or the unborn child
May cause drowsiness or dizziness

#### **PREVENTION**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. 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.

#### **RESPONSE**

IF exposed or concerned: Get medical advice/attention.

#### **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.

#### Skir

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.

# Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

#### Fire

In case of fire: Use CO2, 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-%
Methyl acetate	79-20-9	15 - 40 *
Methyl n-amyl ketone	110-43-0	3 - 7 *
Methyl propyl ketone	107-87-9	3 - 7 *
n-Butyl acetate	123-86-4	1 - 5 *

Carbon black	1333-86-4	0.5 - 1.5 *
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	0.5 - 1.5 *
Zirconium ethyl hexoate	22464-99-9	0.1 - 1 *
Ethylbenzene	100-41-4	0.1 - 1 *
Decanedioic acid, 1-methyl	82919-37-7	0.1 - 1 *
10-(1,2,2,6,6-pentamethyl-4-piperidinyl) ester		
Quartz	14808-60-7	0.1 - 1 *

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

# **Section 4: FIRST AID MEASURES**

#### **First Aid Measures**

#### **General advice**

IF exposed or concerned: Get medical advice/attention

#### Eye contact

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 Contact**

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

#### Ingestion

Do NOT induce vomiting IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

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

**Symptoms** No information available.

# Indication of any immediate medical attention and special treatment needed

# **Section 5: FIRE FIGHTING MEASURES**

Flammable properties Flammable liquid.

flash point 9 °F / -13 °C

**Upper flammability limit:**No information available

Lower flammability limit: No information available

Autoignition temperature No information available

**Explosion data** 

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

# Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO2).

#### 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 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. Local authorities should be advised if significant spillages cannot be contained.

#### 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. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.

### Section 7: HANDLING AND STORAGE

### 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. Use only with adequate ventilation. 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**

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

### **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 container tightly closed in a dry and well-ventilated place. 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 acetate	STEL: 250 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm
79-20-9	TWA: 200 ppm	TWA: 606 mg/m <sup>3</sup>	STEL: 250 ppm	STEL: 250 ppm	TWA: 606 mg/m <sup>3</sup>	TWA: 610 mg/m <sup>3</sup>
		STEL: 250 ppm			STEL: 250 ppm	
		STEL: 757 mg/m <sup>3</sup>			STEL: 757 mg/m <sup>3</sup>	
Methyl n-amyl ketone	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm	TWA: 25 ppm	TWA: 50 ppm	TWA: 100 ppm
110-43-0		TWA: 233 mg/m <sup>3</sup>		TWA: 115 mg/m <sup>3</sup>	TWA: 233 mg/m <sup>3</sup>	TWA: 465 mg/m <sup>3</sup>

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Methyl propyl ketone	STEL: 150 ppm	TWA: 200 ppm	TWA: 150 ppm	STEL: 150 ppm	TWA: 150 ppm	TWA: 200 ppm
107-87-9		TWA: 705 mg/m <sup>3</sup>	STEL: 250 ppm		TWA: 530 mg/m <sup>3</sup>	TWA: 700 mg/m <sup>3</sup>
		STEL: 250 ppm				
		STEL: 881 mg/m <sup>3</sup>				
n-Butyl acetate	STEL: 150 ppm	TWA: 150 ppm	TWA: 20 ppm	TWA: 150 ppm	TWA: 150 ppm	TWA: 150 ppm
123-86-4	TWA: 50 ppm	TWA: 713 mg/m <sup>3</sup>		STEL: 200 ppm	TWA: 713 mg/m <sup>3</sup>	TWA: 710 mg/m <sup>3</sup>
		STEL: 200 ppm			STEL: 200 ppm	
		STEL: 950 mg/m <sup>3</sup>			STEL: 950 mg/m <sup>3</sup>	
Carbon black	TWA: 3 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup>
1333-86-4	inhalable					
	particulate matter					
Zirconium ethyl hexoate	STEL: 10 mg/m <sup>3</sup> Zr		TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m³ Zr
22464-99-9	TWA: 5 mg/m <sup>3</sup> Zr	STEL: 10 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup>	
Ethylbenzene	TWA: 20 ppm	TWA: 100 ppm	TWA: 20 ppm	TWA: 20 ppm	TWA: 100 ppm	TWA: 100 ppm
100-41-4		TWA: 434 mg/m <sup>3</sup>			TWA: 434 mg/m <sup>3</sup>	TWA: 435 mg/m <sup>3</sup>
		STEL: 125 ppm			STEL: 125 ppm	
		STEL: 543 mg/m <sup>3</sup>			STEL: 543 mg/m <sup>3</sup>	
Quartz	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.10 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 50 μg/m <sup>3</sup>
14808-60-7	respirable					TWA:
	particulate matter					(250)/(%SiO2 + 5)
						mppcf TWA
						respirable fraction
						TWA:
						(10)/(%SiO2 + 2)
						mg/m³ TWA
						respirable fraction

#### **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. Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

# Respiratory protection

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. Local authorities should be advised if significant spillages cannot be contained.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

# Information on basic physical and chemical properties

Physical state liquid

Appearance No information available

Odor Solvent Color black

Odor Threshold
PH value
No information available
To "C / 135 "F"

flash point -13 °C / 9 °F

evaporation rate

No information available
Flammability (solid, gas)

No information available

Flammability Limit in Air

Upper flammability limit:
Lower flammability limit:
Vapor Pressure
vapor density

No information available
No information available
No information available

Density (lbs per US gallon) 9.15 specific gravity 1.1

Solubility(ies)
Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
No information available

Other information

# **Section 10: STABILITY AND REACTIVITY**

**Stability** Stable under normal conditions.

Incompatible materials Strong oxidizing agents. Alkali.

**Conditions to avoid** Heat, flames and sparks.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

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

Causes serious eye irritation

**Skin Contact** 

May cause an allergic skin reaction

Ingestion Not applicable Inhalation

May cause drowsiness or dizziness

# Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl acetate 79-20-9	> 5 g/kg (Rat)	> 5 g/kg(Rabbit)	= 16000 ppm (Rat) 4 h
Methyl n-amyl ketone 110-43-0	= 1600 mg/kg (Rat) = 1670 mg/kg (Rat)	= 12600 μL/kg (Rabbit)= 12.6 mL/kg (Rabbit)	2000 - 4000 ppm (Rat) 6 h
Methyl propyl ketone 107-87-9	= 1600 mg/kg (Rat)	= 6500 mg/kg(Rabbit)= 6480 mg/kg(Rat)	2000 - 4000 ppm (Rat) 4 h
n-Butyl acetate 123-86-4	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
Carbon black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
Bis(1,2,2,6,6-pentamethyl-4-piperidy l) sebacate 41556-26-7	= 2615 mg/kg(Rat)	-	-
Zirconium ethyl hexoate 22464-99-9	-	-	-

Ethylbenzene	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h
100-41-4			
Decanedioic acid, 1-methyl	-	-	-
10-(1,2,2,6,6-pentamethyl-4-piperidi			
nyl) ester			
82919-37-7			
Quartz	= 500 mg/kg (Rat)	-	-
14808-60-7	= • ,		

#### Numerical measures of toxicity - Product Information

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

ATEmix (oral) 5690 Mg/kg ATEmix (inhalation-dust/mist) 29 mg/l ATEmix (inhalation-vapor) 212 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

#### Carcinogenicity

According to IARC, Volume 93, no significant exposure to primary particles of carbon black is thought to occur from use in paints since the pigment is bound to other materials.

Chemical Name	ACGIH	IARC	NTP	OSHA
Carbon black 1333-86-4	A3	Group 2B		X
Ethylbenzene 100-41-4	A3	Group 2B		X
Quartz 14808-60-7	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen. A3 - Animal Carcinogen.

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans. Group 2B - Possibly Carcinogenic to Humans.

NTP (National Toxicology Program)

Known - Known Carcinogen.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present.

Skin corrosion/irritation Not applicable

Serious eye damage/eye irritation Causes serious eye irritation

Skin sensitization May cause an allergic skin reaction

Respiratory sensitization Not applicable Germ cell mutagenicity Not applicable

Carcinogenicity May cause cancer

Reproductive Toxicity Suspected of damaging fertility or the unborn child

Specific target organ toxicity (single exposure) May cause drowsiness or dizziness

Specific target organ toxicity (repeated exposure) Not applicable

Aspiration hazard 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**

UN/ID no Proper shipping name	TDG UN1263 Paint related material	IMDG UN1263 Paint related material	IATA UN1263 Paint related material
Hazard Class Packing Group Environmental hazard Special Provisions	3 II	3 II 163, 367 <b>EmS-No</b>	3 II A3, A72, A192

EmS-No F-E, S-E

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

All components are listed or exempt

from listing

Not all components are listed or

exempt from listing

Chemical Name	Canada - NPRI (National Pollutant Release Inventory)
Methyl acetate	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)
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)
Methyl propyl 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)
n-Butyl acetate	Part 5, Individual Substances
Ethylbenzene	Part 1, Group A Substance

# **Section 16: OTHER INFORMATION**

**HMIS** 

 Health hazards
 2\*

 \* = Chronic Health Hazard

 Flammability
 3

 Physical hazards
 0

 Personal Protection
 X

**DSL** - Canadian Domestic Substances List

Prepared By Regulatory Department

Revision date 02-Jan-2020

**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**