

SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier Product Name: MTS Adhesive Prep **Other means of identification**
Synonyms None **Recommended use of the chemical and restrictions on use** Recommended Use Surface cleaning **Uses advised against** No information available **Details of the supplier of the safety data sheet** Supplier Name Royal Sheen Products by S & S Car Care Inc. **Supplier Address** 5340 Mayfair Road
North Canton
Ohio
44720-1533
US **Supplier Phone Number** Phone:330-494-9535
Fax:330-966-0400 **Supplier Email** lonn.sales.royalsheeninc@gmail.com **Emergency telephone number** Company
Emergency Phone Number 330-316-9753

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 3 Category 2

GHS Label elements, including precautionary statements

Emergency Overview

Signal word Danger

Hazard Statements

Causes serious eye irritation
May cause drowsiness or dizziness
Flammable liquid and vapor
Highly flammable liquid and vapor



Appearance Transparent Physical state Liquid Odor Solvent

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
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
Keep cool
Wear eye/face protection

Precautionary Statements - Response**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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

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

Other information

May be harmful if swallowed
Causes mild skin irritation
Harmful to aquatic life with long lasting effects
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION



Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS . Chemical Name CAS No Weight-% Trade Secret
Supplier Trade Secret Proprietary 30 - 60 * Supplier Trade Secret Proprietary 3 - 7 * Supplier Trade Secret Proprietary 3 - 7 *
Supplier Trade Secret Proprietary 1 - 5 * *The exact percentage (concentration) of composition has been withheld as a trade
secret**4. FIRST AID MEASURES****First aid measures**

<u>General Advice</u>	Show this safety data sheet to the doctor in attendance.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation	Remove to fresh air.
Ingestion	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam. Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient. Specific hazards arising from the chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Uniform Fire Code Irritant: Liquid

Combustible Liquid: II **Hazardous Combustion Products**

Carbon oxides. **Explosion Data** Sensitivity to Mechanical Impact No. Sensitivity to Static Discharge Yes. Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. See section 8 for more information. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback.

Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. **Other Information** Refer to protective measures listed in Sections 7 and 8. Ventilate the area. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. **Methods for cleaning up** Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material.

7. HANDLING AND STORAGE Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. **Incompatible Products** Strong oxidizing agents. Acids. Chlorinated compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV OSHA PEL NIOSH IDLH		
Supplier Trade Secret	STEL: 400 ppm TWA: 200 ppm TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³ IDLH: 2000 ppm 10% LEL		



	TWA: 980 mg/m ³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m ³		
Supplier Trade Secret	TWA: 10 ppm inhalable fraction and vapor -		
Supplier Trade Secret	TWA: 20 ppm TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³		
Supplier Trade Secret	TWA: 1000 ppm TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³ IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³		

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eyeface protection If splashes are likely to occur: None required for consumer use. Tight sealing safety goggles.

Skin and body protection Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state Liquid
Appearance Transparent **Odor** Solvent



Skin contact Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical Name	Oral LD50 Dermal LD50 Inhalation LC50		
Supplier Trade Secret	= 1870 mg/kg (Rat) = 4059 mg/kg (Rabbit) = 72600 mg/m ³ (Rat) 4 h		
Supplier Trade Secret	= 5660 mg/kg (Rat) = 2700 mg/kg (Rabbit) -		
Supplier Trade Secret	= 470 mg/kg (Rat) = 99 mg/kg (Rabbit) = 450 ppm (Rat) 4 h		
Supplier Trade Secret	= 7060 mg/kg (Rat) - = 124.7 mg/L (Rat) 4 h		

Information on toxicological effects

Symptoms May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

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

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH IARC NTP OSHA			
Supplier Trade Secret	Group 3 X			
Supplier Trade Secret	A3 Group 3			
Supplier Trade Secret	A3 Group 1 Known X			

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
NTP (National Toxicology Program)
Known - Known Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.



STOT - repeated exposure	No information available.
Chronic Toxicity	No known effect based on information supplied. Contains a known or suspected carcinogen.
Target Organ Effects	Eyes.
Aspiration Hazard	No information available.

Numerical measures of toxicity Product Information

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

ATEmix (oral)
4,167.00 mg/kg
ATEmix (dermal)
9,588.00 mg/kg (ATE)
ATEmix (inhalation-gas)
90,000.00 ppm (4 hr)
ATEmix (inhalation-dust/mist)
29.80 mg/l
ATEmix (inhalation-vapor)
76.00 ATEmix

12. ECOLOGICAL INFORMATION Ecotoxicity Harmful to aquatic life with long lasting effects. Chemical Name

Toxicity to Algae Toxicity to Fish Toxicity to Microorganisms Daphnia Magna (Water Flea) Supplier Trade Secret
96h EC50: > 1000 mg/L (Desmodesmus subspicatus) 72h EC50: > 1000 mg/L (Desmodesmus subspicatus) 96h LC50: > 1400000 µg/L (Lepomis macrochirus) 96h LC50: = 11130 mg/L (Pimephales promelas) 96h LC50: = 9640 mg/L (Pimephales promelas) 48h EC50: = 13299 mg/L Supplier Trade Secret
96h EC50: > 100 mg/L (Desmodesmus subspicatus) 96h LC50: = 1300 mg/L (Lepomis macrochirus) 24h EC50: = 2850 mg/L 48h EC50: > 100 mg/L Supplier Trade Secret
96h LC50: = 1490 mg/L (Lepomis macrochirus) 96h LC50: = 2950 mg/L (Lepomis macrochirus) 48h EC50: > 1000 mg/L 24h EC50: 1698 - 1940 mg/L Supplier Trade Secret
96h LC50: > 100 mg/L (Pimephales promelas) 96h LC50: 13400 - 15100 mg/L (Pimephales promelas) 96h LC50: 12.0 - 16.0 mL/L (Oncorhynchus mykiss) EC50 = 34634 mg/L 30 min
EC50 = 35470 mg/L 5 min 48h LC50: 9268 - 14221 mg/L 48h EC50: = 2 mg/L 24h EC50: = 10800 mg/L Persistence and Degradability
No information available. Bioaccumulation

Chemical Name Log Pow Supplier Trade Secret
0.05 Supplier Trade Secret
0.81 Supplier Trade Secret

-0.32 Other adverse effects
No information available.

13. DISPOSAL CONSIDERATIONS Waste treatment methods

Disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging Dispose of contents/containers in accordance with local regulations. **US EPA Waste Number D001**

California Hazardous Waste Codes 331 This product contains one or more substances that are listed with the State of California as a hazardous waste. **Chemical Name California Hazardous Waste** Supplier Trade Secret

Toxic
Ignitable Supplier Trade Secret
Toxic

Ignitable



14. TRANSPORT INFORMATION

DOT

Proper Shipping Name	CONSUMER COMMODITY
Hazard Class	ORM-D
Description	CONSUMER COMMODITY, ORM-D

TDG

UN-No.	UN1987
Proper Shipping Name	Alcohols, (Isopropanol), N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1987, Alcohols, (Isopropanol), N.O.S., 3, PGIII

MEX

UN-No.	UN1987
Proper Shipping Name	Alcohols, (Isopropanol), N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1987, Alcohols, (Isopropanol), N.O.S., 3, PGIII

ICAO

UN-No.	UN1987
Proper Shipping Name	Alcohols, (Isopropanol), N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1987, Alcohols, (Isopropanol), N.O.S., 3, PGIII

IATA

UN-No.	UN1987
Proper Shipping Name	Alcohols, (Isopropanol), N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1987, Alcohols, (Isopropanol), N.O.S., 3, PGIII

IMDG/IMO

UN-No.	UN1987
Proper Shipping Name	Alcohols, (Isopropanol), N.O.S.
Hazard Class	3
Packing Group	III
EmS-No.	F-E, S-D
Description	UN1987, Alcohols, (Isopropanol), N.O.S., 3, III, (59°C C.C.)



RID

UN-No.	UN1987
Proper Shipping Name	Alcohols, (Isopropanol), N.O.S.
Hazard Class	3
Packing Group	III
Classification code	F1
Description	UN1987, Alcohols, (Isopropanol), N.O.S., ENVIRONMENTALLY HAZARDOUS, 3, III
ADR/RID-Labels	3

ADR

UN-No.	UN1987
Proper Shipping Name	Alcohols, (Isopropanol), N.O.S.
Hazard Class	3
Packing Group	III
Classification code	F1
Tunnel restriction code	(D/E)
Description	UN1987, Alcohols, (Isopropanol), N.O.S., ENVIRONMENTALLY HAZARDOUS, 3, III, (D/E)

ADN

UN-No.	UN1987
Proper Shipping Name	Alcohols, (Isopropanol), N.O.S.
Hazard Class	3
Packing Group	III
Classification code	F1
Special Provisions	601
Description	UN1987, Alcohols, (Isopropanol), N.O.S., ENVIRONMENTALLY HAZARDOUS, 3, III
Hazard Labels	3
Limited Quantity	1 L
Ventilation	VE01

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.
IECSC	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



Chemical Name	CAS No	Weight-% SARA 313 - Threshold Values %		
Supplier Trade Secret -		30 - 60 1.0		
Supplier Trade Secret -		3 - 7 1.0		
Supplier Trade Secret -		3 - 7 1.0		

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Supplier Trade Secret -	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois				
Supplier Trade Secret	X	X	X	X					
Supplier Trade Secret									
Supplier Trade Secret	X	X	X						
Supplier Trade Secret	X	X	X	X	X				
Supplier Trade Secret	X	X	X						
Supplier Trade Secret	X	X	X						

International Regulations

Mexico

National occupational exposure limits



Component	Carcinogen Status Exposure Limits	
Supplier Trade Secret (30 - 60)	Mexico: TWA 400 ppm Mexico: TWA 980 mg/m ³ Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m ³	
Supplier Trade Secret (3 - 7)	Mexico: TWA 26 ppm Mexico: TWA 120 mg/m ³ Mexico: STEL 75 ppm Mexico: STEL 360 mg/m ³	
Supplier Trade Secret (1 - 5)	Mexico: TWA= 1900 mg/m ³ Mexico: TWA= 1000 ppm	

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

NFPA **Health Hazards** 2
Flammability 2
Instability 0
Physical and
Chemical Hazards -

HMIS **Health Hazards** 2
Flammability 2
Physical Hazard 0
Personal Protection
X

Prepared By Product Stewardship
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Latham, NY 12110
1-800-572-6501

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

