

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product identifier

Trade name or designation of the mixture RS-671 Gloss Max Polish

Registration number -

Date of first issue 05-05-2011

Version number 1.0

Revision date 07-05-2011

Supersedes date 05-05-2011

Relevant identified uses of the substance or mixture and uses advised against

Identified uses Not available.

Uses advised against None known.

Details of the supplier of the safety data sheet

Company name Rubber-Seal Products

Address 5751 N. Webster St.
Dayton, OH 45414

Telephone number (800) 257-6547

E-mail info@rubber-seal.com

Emergency telephone number CHEMTREC 800-424-9300 (Within the USA) 011-703-527-3887 (Outside the USA)

SDS number 22112

Product use Industrial use

2. Hazards Identification

Emergency overview Harmful in contact with eyes. Cancer hazard. Prolonged exposure may cause chronic effects.

OSHA regulatory status This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects

Routes of exposure Inhalation. Ingestion. Skin contact. Eye contact.

Eyes Eye contact may result in corneal injury. Contact may irritate or burn eyes. Do not get this material in contact with eyes.

Skin Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Avoid contact with the skin.

Inhalation May cause cancer by inhalation. Prolonged inhalation may be harmful. Avoid breathing dust/fume/gas/mist/vapors/spray.

Ingestion Components of the product may be absorbed into the body by ingestion. Do not ingest.

Target organs Eyes. Respiratory system. Skin.

Chronic effects Conjunctiva. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Signs and symptoms Corneal damage. Conjunctivitis. Defatting of the skin. Skin irritation. Rash.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Aluminiumoxid	1344-28-1	<= 30
Hydrotreated Light Paraffinic Distillate	64742-55-8	<= 20
Other components below reportable levels		0.78

4. First Aid Measures

First aid procedures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Skin contact	Get medical attention if irritation develops and persists. Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. For minor skin contact, avoid spreading material on unaffected skin.
Inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention if symptoms occur.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If ingestion of a large amount does occur, call a poison control center immediately.
Notes to physician	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General advice	IF exposed or concerned: Get medical advice/attention. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media	Water fog. Foam. Carbon dioxide (CO ₂). Dry chemicals.
Unsuitable extinguishing media	Do not use water jet.

Advice for firefighters

Special protective equipment for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Special firefighting procedures	Cool containers exposed to heat with water spray and remove container, if no risk is involved. Water runoff can cause environmental damage.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Surfaces may become slippery after spillage. Remove sources of ignition.
Environmental precautions	Do not allow to enter drains, sewers or watercourses.
Methods for containment	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use water spray to reduce vapors or divert vapor cloud drift. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.
Methods for cleaning up	<p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.</p>

7. Handling and Storage

Handling

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. All equipment used when handling the product must be grounded. Do not get this material in contact with eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid prolonged or repeated contact with skin. Wear personal protective equipment. Use only in well-ventilated areas.

Storage

The pressure in sealed containers can increase under the influence of heat. Keep away from heat and flame. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a well-ventilated place. Keep away from food, drink and animal feedings. Use care in handling/storage. Keep container tightly closed in a cool, well-ventilated place. Store above freezing. Storage Temperature: Between 15 °C and 25 °C.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Aluminiumoxid (1344-28-1)	TWA	1 mg/m3	Respirable fraction.
Hydrotreated Light Paraffinic Distillate (64742-55-8)	TWA	5 mg/m3	Inhalable fraction.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Aluminiumoxid (1344-28-1)	PEL	15 mg/m3	Total dust.
		5 mg/m3	Respirable fraction.
Hydrotreated Light Paraffinic Distillate (64742-55-8)	PEL	5 mg/m3	Mist.

US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A

Components	Type	Value	Form
Aluminiumoxid (1344-28-1)	TWA	10 mg/m3	Total dust.
		5 mg/m3	Respirable fraction.
Hydrotreated Light Paraffinic Distillate (64742-55-8)	TWA	5 mg/m3	Mist.

Engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal protective equipment

Eye / face protection

Do not get in eyes. Chemical goggles are recommended. Eye wash fountain is recommended.

Skin protection

Wear appropriate chemical resistant clothing. Chemical resistant gloves.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

Use protective gloves made of: Butyl rubber.

General hygiene considerations

Do not get in eyes. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Information on basic physical and chemical properties

Physical state

Liquid.

Form

Viscous.

Color

Grey.

Odor

Characteristic.

Odor threshold

Not available.

pH

7 - 9

Melting point/freezing point	Not available.
Boiling point, initial boiling point, and boiling range	> 212 °F (> 100 °C)
Flash point	> 149 °F (> 65 °C)
Auto-ignition temperature	Not applicable.
Flammability (solid, gas)	Not available.
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Oxidizing properties	Not applicable.
Explosive properties	Not applicable.
Explosive limit	Not applicable.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Evaporation rate	Not applicable.
Relative density	Not available.
Density	1 g/ml
Solubility (water)	miscible
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	> 7 mm ² /s @ 40 °C
Percent volatile	Not available.
Other information	No relevant additional information available.

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Avoid temperatures exceeding the flash point.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological Information

Toxicological data

Components	Test Results
Aluminiumoxid (1344-28-1)	Acute Dermal LD50 >= 5000 mg/kg Acute Inhalation LD50 >= 1000 mg/kg 4 hours Acute Oral LD50 >= 5000 mg/kg
Local effects	Components of the product may be absorbed into the body through the skin. Contact may irritate or burn eyes.
Chronic effects	Hazardous by OSHA criteria. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.
Serious eye damage/eye irritation	Harmful in contact with eyes.
Carcinogenicity	Hazardous by OSHA criteria.
ACGIH Carcinogens	
Aluminiumoxid (CAS 1344-28-1)	A4 Not classifiable as a human carcinogen.
Hydrotreated Light Paraffinic Distillate (CAS 64742-55-8)	A2 Suspected human carcinogen.
	A4 Not classifiable as a human carcinogen.

US NTP Report on Carcinogens: Known carcinogen

Hydrotreated Light Paraffinic Distillate (CAS 64742-55-8) Known carcinogen.

Skin corrosion/irritation Defatting, drying and cracking of skin.

12. Ecological Information

Ecotoxicity There are no data on the ecotoxicity of this product.

Toxicity

Components	Test Results
Aluminiumoxid (1344-28-1)	NOEC Algae: >= 100 mg/l 72 hours NOEC Daphnia: >= 100 mg/l 48 hours NOEC Trout family (Salmonidae): >= 100 mg/l 96 hours
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility	Not available.
Environmental fate - Partition coefficient	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not available.
Other adverse effects	Not available.

13. Disposal Considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not applicable.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

DOT

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))

Not regulated

DEA Essential Chemical Code Number

Not regulated

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Not regulated

DEA Exempt Chemical Mixtures Code Number

Not regulated

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Aluminiumoxid (CAS 1344-28-1) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Aluminiumoxid (CAS 1344-28-1) Listed.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - New Jersey Community RTK (EHS Survey): Reportable threshold

Aluminiumoxid (CAS 1344-28-1) 500 LBS

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Aluminiumoxid (CAS 1344-28-1) Listed.

Hydrotreated Light Paraffinic Distillate (CAS 64742-55-8) Listed.

16. Other Information

HMIS ratings
Health: 1*
Flammability: 2
Physical hazard: 0

NFPA ratings
Health: 1
Flammability: 2
Instability: 0

List of abbreviations Not available.

References Not available.

Information on evaluation method leading to the classification of mixture Not available.

Revision information Not available.

Training information Not available.

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available.

Further information HMIS® is a registered trade and service mark of the NPCA.

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