



HERCULES GLOSSY

PPF 72" X 50' (1.82M X 15.24M)

PN: R3531

1. PRODUCT IDENTIFIER

HERCULES GLOSSY PPF 72"X50'(1.82M X 15.24M)

1.1.Available Sizes

No	P.N.	Product name	Size	Colour
1	R3529	HERCULES GLOSSY PPF 60"X65' (1.52M X 19.8M)	60"X65' (1.52M X 19.8M)	1 Roll
2	R3531	HERCULES GLOSSY PPF 72"X50' (1.82M X 15.24M)	72"X50' (1.82M X 15.24M)	1 Roll

1.2. Relevant uses: For car body protection with self-healing properties.

1.3. Details of the supplier of the safety data sheet

Company: RHINOMOTIVE LTD - UK 71-75 SHELTON STREET, LONDON, UNITED KINGDOM
Emergency Contact Number: +971 4 329 7775
Email: info@rhinomotive.com

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

Identified uses: Various

Uses advised against: None known.

2. HAZARDS IDENTIFICATION

Hazard Classification: The product has not been classified as hazardous according to the legislation in force.

OSHA Specified Hazards:

This product is a manufactured article and is therefore exempt from 29 CFR 1910.1200

Hazard(s) not otherwise

classified (HNOC): None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/ mixtures

General Information:

Chemical name	Concentration	Additional identification
polyurethane film	50 - 60%	CAS-No.: 65916-86-1
polymerized release liner	25 - 35%	CAS-No.: proprietary
adhesive	7 - 15%	CAS-No.: proprietary
topcoat	1 - 4%	CAS-No.: proprietary

*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percentage by volume. # This substance has workplace exposure limit(s).



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4. FIRST-AID MEASURES

General:	Get medical attention if symptoms occur.
Description of first aid measures	
Inhalation:	No specific first aid measures noted. Get medical attention if symptoms occur.
Eye contact:	No specific first aid measures noted. Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.
Skin contact:	No specific first aid measures noted. Wash with soap and water.
Ingestion:	Not relevant, due to the form of the product.
Most important symptoms and effects, both acute and delayed:	None known.
Indication of any immediate medical attention and special treatment needed	
Hazards:	None known.
Treatment:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

General Fire Hazards:	None known.
Extinguishing media	
Suitable extinguishing media:	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media:	None known.
Special hazards arising from the substance or mixture:	Fire or excessive heat may produce hazardous decomposition products.
Advice for firefighters	
Special fire fighting procedures:	None known.
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Wear appropriate personal protective equipment.
Environmental Precautions:	Avoid release to the environment.
Methods and material for containment and cleaning up:	Sweep or scoop up and remove.
Notification Procedures:	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.



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7. HANDLING AND STORAGE

Precautions for safe handling:	Low hazard for usual industrial or commercial handling. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities:	Store in closed original container in a dry place.
Specific end use(s):	No data available.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits:	Country specific exposure limits have not been established or are not applicable unless listed below.
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Exposure controls

Appropriate engineering controls:	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.
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Individual protection measures, such as personal protective equipment

General information: Provide eyewash station and safety shower.

Eye/face protection: It is a good industrial hygiene practice to minimize eye contact. Wear safety glasses with side shields (or goggles).

Skin protection

Hand Protection:	It is a good industrial hygiene practice to minimize skin contact. Wear suitable gloves. Wash hands after handling.
Other:	None should be needed.
Respiratory Protection:	None should be needed.
Hygiene measures:	Observe good industrial hygiene practices.

Environmental Controls: No data available.

9. PHYSICAL & CHEMICAL PROPERTIES

Information on basic physical and chemical properties Appearance

Physical state:	solid
Form:	Plastic Film
Color:	Various
Odor:	Odorless
Odor Threshold:	No data available.
pH:	No data available.
Boiling Point:	No data available.
Flash Point:	No data available.



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Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)-:	No data available.
Flammability Limit - Lower (%)-:	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Specific Gravity:	No data available.
Solubility(ies)	
Solubility in Water:	Insoluble in water
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Dynamic viscosity:	No data available.
Kinematic viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

10. STABILITY & REACTIVITY

Reactivity:	None known.
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation:	None known.
Ingestion:	None known.
Skin contact:	None known.
Eye contact:	None known.

Information on toxicological effects

Oral Products:

Dermal Product:	No data available.
Inhalation Product:	No data available.
Repeated dose toxicity Product:	No data available.
Skin Corrosion/Irritation Product:	No data available.
Serious Eye Damage/Eye Irritation Product:	No data available.



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Respiratory or Skin Sensitization
Product: No data available.

Carcinogenicity
Product: No data available.

Toxicity to reproduction
Product: No data available.

Developmental toxicity
Product: No data available.

Germ Cell Mutagenicity In vitro
In vivo Product: No data available.

Specific Target Organ Toxicity -
Single Exposure Product: No data available.

Specific Target Organ Toxicity -
Repeated Exposure Product: No data available.

Aspiration Hazard
Product: No data available.

Other effects: No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Acute hazards to the Fish
aquatic environment: No data available.

Aquatic Invertebrates
Product: No data available.

Chronic hazards to the
aquatic environment: Fish

Aquatic Invertebrates
Product: No data available.

Toxicity to Aquatic Plants
Product: No data available.

Persistence and Degradability Biodegradation

BOD/COD Ratio
Product: No data available.

Bioaccumulative Potential
Bioconcentration Factor (BCF)
Product: No data available.

Partition Coefficient n-octanol /
water (log Kow) Product: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.



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13. DISPOSAL CONSIDERATIONS

Waste treatment methods

General information:
requirements.

Dispose of waste and residues in accordance with local authority

Disposal methods:

No data available.

14. TRANSFORMATION INFORMATION

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT

Class not regulated

IMDG - International Maritime
Dangerous Goods Code

Class not regulated

IATA

Class not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture.:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. WHMIS (Canada) Status: non-controlled

US EPCRA (SARA Title III) Section 313 - Toxic Chemical List OSHA: nonhazardous

TSCA (US Toxic Substances Control Act): Does not apply.(manufactured article)

16. OTHER INFORMATION

HMIS® Hazard Ratings: Health - 1, Flammability - 1, Chemical Reactivity - 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

Revision Information:

Not relevant.

Key literature references and
sources for data:

No data available.

Training information:

No data available.

Issue Date: 09/03/2015

SDS No.:

Disclaimer: This information is provided without warranty. The information is believed to be correct.

This information should be used to make an independent determination of the methods to safeguard workers and the environment.

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**USE IT AND SEE
THE DIFFERENCE**

