

SAFETY DATA SHEET
ABS Sheet

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

Trade Name: ABS Sheet

Other Name(s): Thermoplastic polymer sheet

Usage: Plastic sheet products

Supplier: Plaskolite, LLC.
1770 Joyce Avenue, Columbus, Ohio 43219, USA
Telephone: 614-294-3281
www.plaskolite.com

Emergency Telephone: 614-294-3281

2. HAZARDS IDENTIFICATION

This material is classified as not hazardous under OSHA regulations. Under normal conditions of use, this product is not expected to create any unusual industrial hazards. Irritating gases/fumes may be given off during burning or thermal decomposition. Contact with hot material will cause thermal burns.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: 100% Acrylonitrile-butadiene-styrene (ABS) copolymer [CAS# 9003-56-9]

4. FIRST AID MEASURES

Inhalation: Provide fresh air. Put victim at rest and keep warm. Seek medical attention.

Skin Contact: Possible skin irritation. Contact with molten material can result in burns. Do not attempt to remove molten product, or molten product that has cooled, from skin without medical assistance. After contact with molten product, cool skin area rapidly with cold water. Consult physician.

Eye Contact: Possible eye irritation. Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist in the event of irritation.

Ingestion: Rinse mouth with water. Drink one or two glasses of water. Never give an unconscious person anything through the mouth. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, extinguishing powder, carbon dioxide (CO₂).

Specific Fire Hazards: Toxic and irritating gases/fumes (hydrogen cyanide, carbon monoxide and CO₂) may be given off during burning or thermal decomposition. In case of dust (fine dust), there is the danger of dust explosion.

Special Protective Equipment & Precaution for Fire Fighters: Wear a self-contained breathing apparatus and chemical protective clothing.

SAFETY DATA SHEET
ABS Sheet

6. ACCIDENTAL RELEASE MEASURES

- Personal Precaution: Provide adequate ventilation. Wear personal protection equipment. Do not breathe dust.
- Environmental Precaution: Do not allow to penetrate into soil, waterbodies or drains.
- Methods for Cleaning Up: Avoid generation of dust. Remove all sources of ignition. Sweep or scoop up into closed containers for disposal.

7. HANDLING AND STORAGE

- Max. Storage Temperature: 180°F (82°C)
- Handling: Ensure appropriate exhaust and ventilation at machinery and at places where dust can be generated. Avoid dust formation, and accumulation of static charges. Prohibit sources of spark and ignition, such as smoking.
- Storage: Store in a well-ventilated place. Keep container tightly closed. Protect against heat/sun rays. Protect from moisture contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	OSHA		ACGIH	
	<u>PEL</u>	<u>STEL</u>	<u>TLV</u>	<u>STEL</u>
1. Styrene	100 ppm	200 ppm(c)	20 ppm	40 ppm

- Ventilation Measures: Provide good ventilation and/or an exhaust system in the work area.
- Respiratory Protection: Respiratory protection must be worn whenever the exposure thresholds have been exceeded. Use filter according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.
- Hand Protection: Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
- Eye Protection: Safety glasses with side shields (ANSI Z87.1 equivalent).
- Skin & Body Protection: Wear suitable protective clothing and boots.
- Other Protective Measures: Avoid contact of molten material with skin. Do not inhale dust particles or vapors. Keep away from sources of ignition. Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State: Solid sheets
- Color: Translucent (whitish)
- Odor: Slight, sweet, aromatic
- pH: Not applicable
- Melting Point: > 212°F (> 100°C)
- Boiling Point: Not available
- Decomposition Temperature: 500°F (260°C) approx.

SAFETY DATA SHEET
ABS Sheet

Flash Point:	> 752°F (> 400°C)
Auto-ignition Temperature:	923 - 950°F (495 - 510°C)
Explosion Limits:	Not applicable
Evaporation Rate:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Relative Density:	1.05 approx.
Solubility:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable. Hazardous polymerization does not occur.
Conditions to Avoid:	Protect from excessive heat. Keep away from sources of ignition and heat. Avoid dust formation.
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition Products:	Thermal decomposition or combustion may emit vapors, carbon monoxide, or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

This product should not be harmful under normal conditions of use.

Inhalation:	Unlikely to be harmful by inhalation under ambient temperature. At high temperature, products of thermal decomposition can be irritating to the respiratory system.
Skin Contact:	Not a skin sensitizer, and is non-irritating to skin under ambient temperature. At high temperature, contact with the product can cause serious burns.
Ingestion:	Unlikely to be harmful by ingestion under ambient temperature.
Eye Contact:	This product in the form of dust can be irritating to the eyes. At high temperature, products of thermal decomposition can be irritating to the eyes.
Carcinogenicity:	Non-carcinogenic

12. ECOLOGICAL INFORMATION

This product is a solid, inert product with low volatility, and is essentially insoluble in water.

Ecotoxicity:	This product should have low toxicity to aquatic and terrestrial organisms.
Mobility:	Due to the solid nature of this product, it should have low mobility in soil.
Persistence & Degradability:	This product is non-biodegradable.
Bioaccumulation:	This solid product has a low potential for bioaccumulation.

SAFETY DATA SHEET
ABS Sheet

Effect in Sewage Plants: May be separated mechanically.

13. DISPOSAL CONSIDERATIONS

Waste disposal should be in accordance with all federal, state and local environmental laws and regulations.

14. TRANSPORT INFORMATION

Not subject to national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION

OSHA Hazard Communication: Non-hazardous


Toxic Substances Control Act: Listed

CERCLA Hazardous
Substances (40 CFR 302): None

SARA Section 311/312: Non-hazardous

SARA Section 313 Toxic
Chemicals (40 CFR 372.65): None

RCRA Hazardous Wastes
(40 CFR 261): When this product becomes a waste, it is identified as a solid but NOT hazardous waste under RCRA criteria (40 CFR Part 261).

California Proposition 65:  **WARNING:** This product can expose you to chemicals including Styrene, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

California Proposition 65 Safe Harbor Level(s):
No Significant Risk Level (NSRL) for Styrene = 27 ug/day

16. OTHER INFORMATION

SDS Prepared By: Plaskolite Environmental, Health & Safety
SDS Original Date of Preparation: May 29, 2013
SDS Revision Date: August 21, 2018

The information presented herein is believed to be factual and reliable. It is offered in good faith, but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale.

Article Information Sheet



11650 Lakeside Crossing Court
Maryland Heights, MO 63146 U.S.A

Royalite R59 W R59

Version Number: 1
Revision Date: Initial

Page 1 of 2
Print Date: 8/5/2019

ARTICLE INFORMATION SHEET

Spartech provides this Article Information sheet as a convenience to our customers. A Safety Data Sheet (SDS) has not been prepared for these products because they are **articles** as defined by hazard communication regulations such as the Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200(b)(6)(v)): "**Article**" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical or health risk to employees.

Article Identification

Product Family : Finished Good
Product Names : Royalite R59 W R59 (Various Colors and Dimensions)
Product Form(s) : Sheet
Primary Resin(s) : PVC ABS
Intended Use : Industrial/Plastic
Manufacturer : **SPARTECH LLC**
11650 Lakeside Crossing Court
Maryland Heights, MO 63146

Advisories

There are no known or identified hazards associated with normal use of this material as intended by the manufacturer.

These products may burn if exposed to flame or excess heat. Combustion involving these products can be expected to evolve normal decomposition products such as carbon monoxide and carbon dioxide, but other

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Page 2 of 2
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decomposition products may also be produced. Care should be taken to avoid conditions that might cause overheating or combustion of this material.

We have considered hazards of this material “as provided” to the customer. We cannot speculate or identify all potential hazards of downstream processing or mishandling of this article (for example mechanical irritation from particles resulting from cutting or other processing, or fumes from overheating, or combustible dust generation). The user must consider its own processing of the article in its own hazard determinations. If you have any questions on the safe handling or processing of this product, please contact us.

Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and any packaging or container must be disposed of in a safe way. Empty packaging, containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Transport information

This product is not regulated under U.S. DOT, IATA or IMDG for transport.



11650 Lakeside Crossing Court
Maryland heights, MO 63146 U.S.A.

Certificate of Origin

From: Spartech

To: Whom It May Concern

11550 Lakeside Crossing Court

Maryland Heights, MO 63146

USA

Tax ID: 46-1986792

Mfg. Site:

Greenville, WI

Dated: August 6, 2019

<u>Spartech Part Number</u>	<u>Description</u>	<u>Country of Origin</u>
DS00114012WE	R59 W/R59/.031/48.000/96.000/BLK	U.S.A.

Production of this part remains at the Greenville, OH U.S.A. location. Any questions may be addressed to my attention.

Sincerely,

Philip T. Bahner

Philip T. Bahner

Spartech LLC

Corp. Quality Mgr.