



SAFETY DATA SHEET
Royaltherm® 1411A & 1721
 According to 29 CFR 1910.1200

SECTION 1: Identification of the substance/mixture & of the company/undertaking

Product Identifier

Product Name Royaltherm® 1411A & 1721

Other means of identification

Synonyms No information available.

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

Identified uses Synthetic rubber

Details of the supplier of the safety data sheet

Supplier Lion Copolymer Geismar, LLC
 36191 Louisiana
 Highway 30
 Geismar
 LA 70734
 USA
 customerservice@lionelastomers.com

Emergency Telephone Number Chemtrec: +1 703-527-3887

SECTION 2: Hazards identification

Appearance Solid.
Color White/off white
Odor Characteristic.

GHS Classification

Physical Hazards Not classified.
Health Hazards Not classified.
Environment Hazards Not classified.

GHS label elements

Hazard pictograms No pictogram required
Signal word Not applicable
Hazard statements Not applicable
Precautionary statements Not applicable

OSHA regulatory status

This product is not hazardous under the OSHA Hazard Communication Standard.

Inhalation No information available.
Ingestion No information available.
Skin contact No information available.
Eye contact No information available.

SECTION 3: Composition / information on ingredients

Mixtures

Ingredient Notes

Does not contain any classified substance in reportable amounts-safety data sheet provided as confirmation of this and as service to clients.

SECTION 4: First aid measures

Description of first aid measures

Inhalation	Move into fresh air and keep at rest. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.
Ingestion	Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persist, seek medical attention and bring these instructions.

Most important symptoms and effects, both acute and delayed

General information	Seek medical attention for all burns, regardless how minor they may seem.
Inhalation	No specific symptoms noted.
Ingestion	No specific symptoms noted.
Skin contact	No specific symptoms noted.
Eye contact	No specific symptoms noted.

Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: Fire fighting measures

Extinguishing media	Fire can be extinguished using: Water.
Special hazards arising from the substance or mixture	In case of fire, toxic gases (CO, CO ₂ , and NO _x) may be formed.
Advice for fire fighters	Avoid breathing fire vapours. NOTE! Use air-supplied respirators to protect against gases/fumes. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

Personal precautions, Protective equipment and emergency procedures	Wear protective clothing as described in Section 8 of this safety data sheet.
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Environmental precautions	Avoid discharge to the aquatic environment.
Methods and materials for containment and clean-up	For waste disposal, see section 13.
Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13. See section 11 for additional information on health hazards.

SECTION 7: Handling and storage

Precautions for Safe handling	Avoid spilling, skin and eye contact.
Conditions for safe storage, including any incompatibilities	Store in tightly closed original container in a dry, cool, and well-ventilated place. Store away from: direct light sources, indirect light sources, sunlight (ultraviolet), fluorescent light. Oil-extended grades must be covered with opaque polyethylene wrapping when not in use.
Storage Class	Unspecified storage.
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

Occupational exposure limits
Ingredient comments: No exposure limits noted for ingredient(s).

Exposure controls

Protective Equipment



Engineering measures	Provide sufficient ventilation during operations which cause vapour formation.
Respiratory equipment	In case of inadequate ventilation or when the product is heated, use suitable respiratory equipment with gas filter (type A2).
Hand protection	Use suitable protective gloves if risk of skin contact.
Eye protection	Wear approved safety goggles.
Other protection	Wear appropriate clothing to prevent any possibility of skin contact.
Thermal hazards	The molten product can cause serious burns.
General protective Hygiene measures	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using does not eat, drink or smoke.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties	
Appearance	Soft. Solid.
Colour	White/off-white
Odour	Characteristic.

Odour Threshold
pH-Value

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Not available.

Not applicable.

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Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point(°C)	Not available.
Evaporation rate	Not available.
Evaporation Factor	Not available.
Bulk density	900 to 1200 kg/m ³
Flammability (Solid, gas)	Not available.
Upper/Lower flammability or explosive	Not available.
Vapour pressure	Not available.
Vapour density(Air=1)	Not available.
Relative density	0.9 to 1.2
Solubility (ies)	Insoluble in water. Soluble in: Organic solvents
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	30 to 70 Mooney @ 100°C
Explosive properties	Not available.
Solid/Liquid Ignition on Contact with Air	No
Oxidising properties	Not determined.
Other information	Not available.

SECTION 10: Stability and reactivity

Reactivity	No specific reactivity hazards associated with this product.
Chemical stability	Stable under normal temperature conditions and recommended use.
Possibility of hazardous reactions	Hazard polymerisation will not occur.
Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.
Incompatible materials	No incompatible groups noted.
Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

Information on toxicological effects	
Toxicological information	No information available.

SECTION 12: Ecological information

Ecotoxicity: Not regarded as dangerous for the environment	
Toxicity	No further information available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Results of PBT and vPvB assessment	No data available.
Other adverse effects	No data available.

SECTION 13: Disposal considerations

General information: When handling waste, consideration should be made to the safety precautions applying to

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handling of the product.

Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information

General	The product is not covered by international regulation on transport of dangerous goods (IMDG, IATA, DOT)
Road Transport Notes	Not regulated.
Rail Transport Notes	Not regulated.
Sea Transport Notes	Not regulated.
Air Transport Notes	Not regulated.
UN number	Non-regulated material.
UN proper shipping name	Non-regulated material.
Transport hazard class(es)	Non-regulated material.
Packing group	Non-regulated material.
Environmental hazards	Environmentally Hazardous Substance/Marine Pollutant – No.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

UNITED STATES

US federal regulations

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None of the ingredients in this product is listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None of the ingredients in this product is listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

None of the ingredients in this product is listed.

SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories

None of the ingredients in this product is listed.

SARA 313 (TRI reporting).

None of the ingredients in this product is listed.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

None of the ingredients in this product is listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None of the ingredients in this product is listed.

Safe Drinking Water Act (SDWA)

None of the ingredients in this product is listed.

International Inventories

Australia - AICS

All the ingredients of this product are listed.

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Canada -DSL/NDSL

All the ingredients of this product are listed in DSL.

China - IECSC

All the ingredients in this product are listed.

Europe- EINECS/ELINCS

All the ingredients of this product are listed in EINECS

Japan- ENCS

All the ingredients of this product are listed

Korea-ECL

All the ingredients of this product are listed.

New Zealand- NZIoC

All the ingredients of this product are listed.

Philippines – PICCS

All the ingredients of this product are listed.

US - TSCA

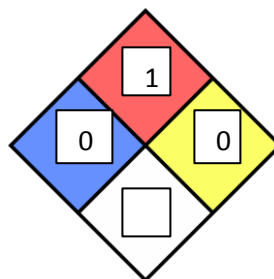
All the ingredients of this product are listed.

SECTION 16: Other information

Revision Date 19 September 2018
Revision 1
HMIS

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA rating



DISCLAIMER

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.