

Section 1: Identification

Product identifier:

Product Name

R-SEAL 6000

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

Recommended use

Flashing Tape

Details of the supplier of the safety data sheet:

Rmax Operating, LLC

13524 Welch Road

Dallas, TX 75244

United States

www.rmax.com

Rmax@rmax.com

Telephone (General) 972-387-4500

Emergency telephone number only:

Call CHEMTREC

Day or Night within USA and Canada:

1-800-424-9300

Section 2: Hazard Identification

EU Main Hazards

Not classified as hazardous.

Routes of Entry

Skin contact.

Carcinogenic Status

See Section 11 for information.

Target Organs

Skin.

Health Effects**Eyes**

Contact may cause irritation due to mechanical abrasion.

Skin

Prolonged, repeated contact with adhesive may cause skin irritation.

Ingestion

Not an expected route of entry during normal handling and use.

Inhalation

Not an expected route of entry during normal handling and use.

Section 3 - Composition/Information on Ingredients

Component Name	CAS# / Codes	Concentration	R Phrases	Classification
Polymers & Resins	N.A.	<50%	None	None
Distillates (petroleum) Hydrotreated Light Naphthenic	64742-53-6 265-156-6	<10%	None	None
Distillates (petroleum) Hydrotreated Heavy Naphthenic	64742-52-5 265-155-0	<20%	R45	T, Carc. Cat. 2
Kaolin Clay	1332-58-7	<15%	None	None
Quartz	14808-60-7 238-878-4	<1%	None	None
Carbon Black	1333-86-4 215-609-9	<10%	None	None

Section 4: First-Aid Measures

Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.

Ingestion

Obtain medical attention immediately.

**Inhalation
Advice to Physicians**

Remove person to fresh air. Seek medical attention if symptoms persist.
Treat symptomatically.

Section 5: Fire-Fighting Measures**Extinguishing Media**

Water spray, carbon dioxide and dry chemical.

Unusual Fire and Explosion Hazards

May release hazardous vapors during a fire.

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

Section 6 - Accidental Release Measures

No specific measures necessary. Prevent the material from entering drains or watercourses.

Section 7 - Handling and Storage

Keep away from heat and sources of ignition. Storage area should be cool, dry, well ventilated, and away from incompatible materials.

Section 8 - Exposure Controls/Personal Protection**Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

Polymers & Resins

None established.

Distillates (petroleum) Hydro-treated

ACGIH TLV: 5 mg/m³, STEL: 10 mg/m³

Light Naphthenic as Oil mist, mineral**Distillates (petroleum) Hydro-treated**

ACGIH TLV: 5 mg/m³, STEL: 10 mg/m³

Heavy Naphthenic as Oil mist, mineral**Kaolin Clay**

8hr TWA: 2mg/m³, measured as respirable fraction of aerosol

OSHA PEL: 15mg/m³ total dust, 5mg/m³ respirable fraction

OSHA and ACGIH TLV: 3.5 mg/m³

ACGIH TLV for Quartz (silica-crystalline) is 0.025 mg/m³ measured as respirable fraction of the aerosol.

Carbon Black**Quartz****Engineering Control Measures**

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

Respiratory Protection

Respiratory protection not normally required.

Hand Protection

Not required under normal conditions of use. However, care should be taken to avoid contact with the adhesive.

Eye Protection

Safety glasses.

Body Protection

Normal work wear.

Section 9 - Physical and Chemical Properties**Physical State**

Pressure sensitive adhesive coated on polymer backing with a disposable release coated liner.

Color

Black adhesive and kraft paper liner

Odor

Slight.

pH

Not applicable.

Specific Gravity

No data available.

Boiling Range/Point (°C/F)

Not applicable.

Melting Point (°C/F)

Not applicable.

Flash Point (PMCC) (°C/F)

Not known.

Explosion Limits (%)	No data available.
Vapor Pressure	Not applicable.
Density	No data.
VOC	< 1 g/l
Solubility in Water	Not known.
Vapor Density (Air = 1)	Not applicable.

Section 10: Stability and Reactivity

Stability	Stable under normal conditions.
Conditions to Avoid	Heat; High temperatures.
Materials to Avoid	Acids; bases; oxidizers.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Oxides of carbon; aromatic and aliphatic carbons; partially oxidized hydrocarbons; toxic gases and smoke; oxides of nitrogen; aldehydes; oligomers; waxes; oxygenated hydrocarbons; acrolein.

Section 11 - Toxicological Information

Acute Toxicity	Low order of acute toxicity.
Chronic Toxicity/ Carcinogenicity	Carbon Black is classified by IARC: Group 2B possible human carcinogen. When encapsulated in the adhesive matrix, the risk of exposure is reduced. For "inhalable" crystalline silica (quartz): IARC Overall Evaluation is 1 (carcinogenic to humans), the quartz in this formulation is in an adhesive matrix and is not expected to be "inhalable".
Genotoxicity	This product is not expected to cause any mutagenic effects.
Reproductive/ Developmental Toxicity	This product is not expected to cause adverse reproductive effects.

Section 12 - Ecological Information

Mobility	No relevant studies identified.
Persistence/ Degradability	No relevant studies identified.
Bio-accumulation	No relevant studies identified.
Ecotoxicity	The product may be harmful to aquatic organisms.

Section 13 - Disposal Considerations

Dispose of in accordance with all applicable local and national regulations.

Section 14 - Transport Information

DOT CFR 172.101 Data	Not Regulated
UN Proper Shipping Name	Not Regulated
UN Class	None.
UN Number	None.
UN Packaging Group	None.
Classification for Air Transportation	Consult current International Air Transport Association (IATA) Regulations prior to shipping.

Section 15 - Regulatory Information

EU Label Information: Classification and labeling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments (2001/60/EC and 2006/8/EC).

EC Annex I Classification According to EC Commission Directive 67/548/EEC this product is not Classified.

R phrases None.

S phrases None.

US Regulations (Federal, State) and International Chemical Registration Laws

TSCA Listing This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical (TSCA) Inventory.

EINECS Listing All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.

DSL (Canadian) Listing All ingredients in this product are listed on the Domestic Substance List (DSL).

MA Right To Know Law This product contains the following chemicals on the Massachusetts Right to Know Law: Distillates

(petroleum) Hydrotreated Light Naphthenic (64742-53-6) <10%
PA Right To Know Law This product contains the following chemicals on the Pennsylvania Hazardous Substance List:

Distillates (petroleum) Hydrotreated Heavy Naphthenic (64742-52-5) <20% - Distillates (petroleum) Hydrotreated Light Naphthenic (64742-53-6) < 10% - Kaolin Clay (1332-58-7) <15% - Carbon Black (1333-86-4) <10%

NJ Right To Know Law This product contains the following chemicals on the New Jersey Workplace Hazardous Substance

List: Quartz (14808-60-7) <1% - Carbon Black (1333-86-4) < 10% - Mica (12001-26-2) <0.5% -

Distillates (petroleum) Hydrotreated Heavy Naphthenic (64742-52-5) <20% - Distillates (petroleum)

Hydrotreated Light Naphthenic (64742-53-6) <10%

California Proposition 65 This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: Quartz (14808-60-7); Carbon Black (1333-86-4).

SARA Title III Sect. 311/312 Immediate (acute).

Categorization

SARA Title III Sect. 313 This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None.

Section 16 - Other Information

NFPA Ratings

Flammability - 0 Health - 1 Reactivity - 0 Special Hazards - 0

HMIS Ratings

Flammability - 0 Health - 1 Reactivity - 0 Personal Protection - See Section 8

Abbreviations

ACGIH American Conference of Governmental Industrial Hygienists

NTP National Toxicology Program

BOD Biological Oxygen Demand

OSHA Occupational Safety and Health Administration

CAS# Chemical Abstracts Service Number

PEL Permissible Exposure Limit

HMIS	Hazardous Materials Identification System	R	Risk
IARC	International Agency for Research on Cancer	R45	May cause cancer.
KoC	Soil Organic Carbon Partition Coefficient	S	Safety
LC50	Lethal Concentration 50%	STEL	Short Term Exposure Limit
LD50	Lethal Dose 50%	T	Toxic
NFPA	National Fire Protection Association	TLV	Threshold Limit Value

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