



Safety Data Sheet

RF 27 Curing Agent

Section 1. Identification

Product Identifier RF 27 Curing Agent
Synonyms N/A
Manufacturer Stock
Numbers N/A

Recommended use N/A
Uses advised against N/A

Manufacturer Contact

Address Resin Formulators
18027 Bishop Avenue
Carson, CA, 90746
USA

Phone
(310) 204-6159

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(310) 202-7247

Email
sales@evroberts.com

Website
<http://www.evroberts.com>

Section 2. Hazards Identification

Classification ACUTE TOXICITY - ORAL - Category 4
SENSITIZATION - SKIN - Category 1A
SKIN CORROSION/IRRITATION - Category 1A
SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2
TOXIC TO REPRODUCTION - Category 2

Signal Word Danger

Pictogram



Hazard Statements

Causes severe skin burns and eye damage
Harmful if swallowed
May cause an allergic skin reaction
May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if no other routes of exposure cause the hazard)
Suspected of damaging fertility or the unborn child. (state specific effect if known) (state route of exposure if no other routes of exposure cause the hazard)

Precautionary Statements

Response

Get medical advice/attention if you feel unwell.
If exposed or concerned: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If on skin: Wash with plenty of water/ ...
If skin irritation or rash occurs: Get medical advice/attention.
If swallowed: Call a poison center/doctor/ ... / if you feel unwell.
If swallowed: Rinse mouth. Do NOT induce vomiting.
Immediately call a poison center/doctor/ ...
Rinse mouth.
Specific treatment (see ... on this label)
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not eat, drink or smoke when using this product.
Do not handle until all safety precautions have been read and understood.
Obtain special instructions before use.
Wash ...thoroughly after handling.
Wear protective gloves.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store locked up.

Disposal

Dispose of contents/container to ...

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
84852-15-3	Phenol, 4-nonyl-, branched	<45 %
1761-71-3	Methylenebiscyclohexanamine, 4, 4	<10 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Additional Information

Inhalation Most important symptoms/effects - acute and delayed
Seek medical advice . If breathing has stopped or is labored, give assisted respirations.
Supplemental oxygen may be indicated. If the heart has stopped , trained personnel should begin cardiopulmonary resuscitation immediately.

Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.

Immediately remove contaminated clothing, and any extraneous chemical. if possible to do so without delay. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing. Take off contaminated clothing and shoes immediately. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim 's head to the side.

Move to fresh air.

Eye disease. Skin disorders and Allergies .

Section 5. Fire Fighting Measures

Suitable Extinguishing Media

Suitable extinguishing media

Specific hazards
Alcohol -resistant foam. Carbon dioxide (CO2). Dry chemical.
Dry sand.
Limestone powder.

May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions. Do not allow run-off from firefighting to enter drains or water courses. Incomplete combustion may form carbon monoxide. Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.

Special protective equipment for fire-fighters

Further information

Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

Do not allow run-off from firefighting to enter drains or water courses.

Unsuitable Extinguishing Media

N/A

Section 6. Accidental Release Measures

Additional Information

Personal Precautions, Protective Equipment, and Emergency Procedures

Environmental precautions Methods for cleaning up

Additional advice

Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

Construct a dike to prevent spreading. Construct a dike to prevent spreading.

Approach suspected leak areas with caution. Call Emergency Response number for advice. Place in appropriate chemical waste container.

If possible, stop flow of product.

Section 7. Handling and Storage

Additional Information

Handling

Avoid contact with eyes. Avoid contact with skin and eyes. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated place.

Technical measures/Precautions

Do not store in reactive metal containers.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Phenol, 4-nonyl-, branched	N/A	N/A	N/A
	Methylenebis(cyclohexyl)amine, 4, 4	N/A	N/A	N/A

Personal Protective Equipment Additional Information

Gloves

Engineering measures
Provide readily accessible eye wash stations and safety showers.
Provide natural or explosion-p roof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

Respiratory protection Hand protection

Not required for properly ventilated areas.

Neoprene gloves. Butyl-rubber Nitrile rubber.
Impervious gloves.
Chemical-resistant , impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection

Full face shield with goggles underneath. Chemical resistant goggles must be worn .

Skin and body protection

Environmental exposure controls

Special instructions for protection and hygiene

Slicker Suit. Impervious clothing.
Full rubber suit (rain gear). Rubber or plastic boots.
Long sleeve shirts and trousers without cuffs.

Construct a dike to prevent spreading.

Discard contaminated leather articles . Remove contaminated clothing . Drench affected area with water for at least 15 minutes. Provide readily accessible eye wash stations and safety showers. Wash hands at the end of each workshift and before eating , smoking or using the toilet. Provide readily accessible eye wash stations and safety showers .

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Yellow
Odor	N/A
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Chemical Stability Stable at room temperature

Section 11. Toxicological Information

Acute Toxicity Data by None Listed
Route of Exposure

Section 12. Ecological Information

Not Available

Section 13. Disposal

WASTE DISPOSAL Dispose of in accord with local, state and federal regulations
METHOD:

Section 14. Transport Information

UN Number 2735
UN Proper Shipping Name AMINES, LIQUID, CORROSIVE , N.O.S., (Nonyl Phenol, 4,4'
Methylenebiscyclohexanamine)
DOT Classification 8
Packing Group II

Section 15. Regulatory Information

Additional Information EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)
This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

Section 16. Other Information

Revision Date 5/28/2018

HMIS Rating (Not Regulated) The HMIS Rating for this product is:
Health: 3 Flammability: 1 Reactivity: 0

For Information Purposes Only - No Longer Regulated

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