

# ArncoPathway Safety Data Sheet

## 1. Identification of Substance:

**Product Name:** RePneu, RePneu II, RePneu TV, RePneu OEM, Superflex, Superflex, TV, Hevi-Duty Catalyst Component

**Supplier Identification:**  
ArncoPathway

**Telephone:**  
(440) 260-9830

**Address:**  
140 Sheldon Road  
Berea, OH 44017

**Emergency phone number:**  
CHEMTREC (800) 424-9300

**Product Use:** Polyurethane polyol component

## 2. Hazards Identification:

### GHS Ratings:

Dermal Toxicity	Acute Tox. 4	Dermal>1000+<=2000mg/kg
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
Organ toxin repeated exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm <sup>2</sup> /s at 40° C.

### GHS Hazards

H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H316	Causes mild skin irritation
H350	May cause cancer
H373	May cause damage to organs through prolonged or repeated exposure

### GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P314	Get Medical advice/attention if you feel unwell
P322	Specific measures (see SDS)
P331	Do NOT induce vomiting
P363	Wash contaminated clothing before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with soap and water

P308+P313  
P332+P313  
P405  
P501

IF exposed or concerned: Get medical advice/attention  
If skin irritation occurs: Get medical advice/attention  
Store locked up  
Dispose of contents/container in accordance with Section 13

**Signal Word: Danger**



### **3. Composition/Data on Components:**

<b>Chemical Name</b>	<b>CAS number</b>	<b>Weight Concentration %</b>
Glycerol poly(oxyethylene) poly(oxypropylene) ether	9082-00-2	30.00% - 40.00%
Residues, petroleum, thermal cracked	64741-80-6	20.00% - 30.00%
Distillates, petroleum, heavy thermal cracked	64741-81-7	20.00% - 30.00%
Sulfur	7704-34-9	1.00% - 5.00%
Polycyclic aromatic hydrocarbons	130498-29-2	0.00% - 0.10%

### **4. First Aid Measures:**

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen.

**After Eye Contact:** Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so, and continue rinsing.

**After Skin Contact:** Clean affected area with soap and plenty of water.

**After Swallowing:** Consult physician.

**Notes to Physician:** Treat symptomatically

### **5. Fire Fighting Measures:**

Flash Point: 76 C (169 F)

LEL:

UEL:

**Suitable Extinguishing Agents:** Water spray, CO2, Foam, Dry chemical

**Information about Protection against Explosions and Fires:** Closed containers may rupture when exposed to extreme heat.

**Dangerous Products of Decomposition:** Oxides of carbon

**Protective Equipment:** Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

## 6. Accidental Release Measures:

**Person-Related Safety Precautions:** Avoid contact with skin and eyes.

**Measures for Environmental Protection:** Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations.

## 7. Handling and Storage:

**Information for Safe Handling:** Avoid contact with skin or inhalation.

**Storage Requirements:** Store in dry, well ventilated area. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

## 8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Glycerol poly(oxyethylene) poly(oxypropylene) ether 9082-00-2	Not Established	Not Established	Not Established
Residues, petroleum, thermal cracked 64741-80-6	Not Established	Not Established	Not Established
Distillates, petroleum, heavy thermal cracked 64741-81-7	Not Established	Not Established	Not Established
Sulfur 7704-34-9	Not Established	Not Established	Not Established
Polycyclic aromatic hydrocarbons 130498-29-2	Not Established	Not Established	Not Established

**Engineering Controls:** No specific measures expected.

**General Protective and Hygienic Measures:** Usual precautionary measures should be adhered to when handling chemicals.

### **Personal Protective Equipment:**

**Respiratory Protection:** None required if work area is properly ventilated.

**Hand Protection:** Protective gloves.

**Eye Protection:** Safety glasses.

**Body Protection:** Protective work clothing. Launder separately.

## 9. Physical and Chemical Properties:

<b>Appearance:</b> Brown liquid	<b>Odor:</b> Musty
<b>Vapor Pressure:</b> N/A	<b>Odor threshold:</b> N/A
<b>Vapor Density:</b> N/A	<b>pH:</b> N/A
<b>Specific Gravity:</b> 1.01	<b>Melting point:</b> N/A
<b>Freezing point:</b> N/A	<b>Solubility:</b> N/A
<b>Boiling range:</b> N/A	<b>Flash point:</b> 169 F, 76 C
<b>Evaporation rate:</b> N/A	<b>Flammability:</b> N/A
<b>Explosive Limits:</b> N/A	<b>Partition coefficient (n-octanol/water):</b> N/A
<b>Autoignition temperature:</b> 232 °C	<b>Decomposition temperature:</b> N/A

## 10. Stability and Reactivity:

**Chemical Stability:** Expected to be stable under normal storage conditions.

**Incompatible Materials:** Avoid contact with isocyanates and strong oxidizing agents.

**Hazardous Polymerization:** Not expected to occur.

**Dangerous Products of Decomposition:** Oxides of carbon, oxides of nitrogen, hydrocarbons, and traces of HCN.

## 11. Toxicological Information:

### Mixture Toxicity

### Component Toxicity

### Toxicity Values Listed if Known

**Eyes:** Liquid may cause irritation.

**Skin:** Moderately irritating. May cause redness, itching, and cracking.

**Inhalation:** Liquid may cause irritation.

**Ingestion:** May be harmful or fatal if swallowed. Consult physician.

**Chronic Effects:** May produce toxic liver, thymus, bone marrow and blood effects

**Conditions Aggravated by Exposure:** Asthma, respiratory disorders, skin allergies, eczema

**Routes of Entry :** Inhalation, ingestion, skin contact, eye contact

**Target Organs:** Respiratory track, eyes, skin, liver

**Chemicals with known or possible carcinogenic effects:**

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
64741-80-6	Residues, petroleum, thermal cracked	20 to 30%	Residues, petroleum, thermal cracked: EU REACH: Present

64741-81-7	Distillates, petroleum, heavy thermal cracked	20 to 30%	Distillates, petroleum, heavy thermal cracked: EU REACH: Present
130498-29-2	Polycyclic aromatic hydrocarbons	0.0 to 0.1%	Polycyclic aromatic hydrocarbons: OSHA: listed

## 12. Ecological Information:

**General Information:** Based on experience, no adverse effects are expected if correct disposal procedures have been followed as indicated in section 13.

If released to waterways, material can foul shoreline and may be harmful to aquatic life.

Individual component ecotoxicity listed if known.

### Component Ecotoxicity

Residues, petroleum, thermal cracked	96 Hr LC50 Brachydanio rerio: 48 mg/L [semi-static]
Distillates, petroleum, heavy thermal cracked	96 Hr LC50 Brachydanio rerio: 48 mg/L [semi-static]
Sulfur	96 Hr LC50 Brachydanio rerio: 866 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: <14 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: >180 mg/L [static]

## 13. Disposal Considerations:

**Recommendation:** Observe local requirements. Dispose of in accordance with local/state/federal regulations.

## 14. Transport Information:

This material ships as non-regulated unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
ICAO/IATA	Environmentally Hazardous Substance, N.O.S. (Contains Aromatic Hydrocarbons)	3082	III	9
IMDG	Environmentally Hazardous Substance, N.O.S. (Contains Aromatic Hydrocarbons)	3082	III	9

## 15. Regulatory Information:

**OSHA HAZARD COMMUNICATION STANDARD:** This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**SARA 311/312 Hazard Categories:** Acute health hazard, chronic health hazard.

### CA Proposition 65 Listed Substances:

Polycyclic aromatic hydrocarbons 130498-29-2 579 PPM CARC

### Massachusetts Right To Know List:

Sulfur 7704-34-9 1 to 5 %

### New Jersey Right To Know List:

Sulfur 7704-34-9 1 to 5 %

**Pennsylvania Right To Know List:**

Sulfur 7704-34-9 1 to 5 %

**16. Other Information:**

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of ArcoPathway. The data on these sheets relates only to the specific material designated herein. ArcoPathway assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.

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Reviewer Revision 1

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