



# Composite Resource Pour Foam Part A

## Safety Data Sheet CR25K

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Composite Resource Pour Foam Part A  
CAS No : Mixture  
Product code : CR25KQ3 Part A, CR25KH3 Part A, CR25K2G2 Part A  
Other means of identification : DISTRIBUTED BY REVCHEM COMPOSITES, INC.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Composite Resources is supplied by Revchem Composites. 2720 South Willow Ave., Bloomington, CA 92316 1-800-281-4975

#### 1.4. Emergency telephone number

Emergency number : 800.424.9300  
CHEMTREC: 1-800-424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified

#### 2.2. Label elements

##### GHS-US labelling

No labelling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

Full text of H-phrases: see section 16

#### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
polymethylene polyphenyl isocyanate	(CAS No) 9016-87-9	40 - 70	Not classified
4,4'-methylenediphenyl diisocyanate	(CAS No) 101-68-8	30 - 60	Not classified
methylenediphenyl diisocyanate, isomer mixture	(CAS No) 26447-40-5	5 - 10	Not classified

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.

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Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

### 4.3. Indication of any immediate medical attention and special treatment needed

Until victim can be cared for by specialized staff:

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Heating increases the fire hazard. Heating may cause a fire. Heating may cause a fire or explosion. Insufficient data available on direct fire hazard (flashpoint > 100°C). Self-heating in large quantities; may catch fire. Temperature above flashpoint: higher fire/explosion hazard. Highly flammable liquid and vapour.  
Explosion hazard : May form flammable/explosive vapour-air mixture. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Explosive.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment. DO NOT fight fire when fire reaches explosives. Evacuate area.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion. Handle empty containers with care because residual vapours are flammable.  
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Keep away from sources of ignition - No smoking. No naked lights. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.  
Hygiene measures : Do not eat, drink or smoke when using this product. Wash ... thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.  
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep in fireproof place. Keep container tightly closed.  
Incompatible products : Strong bases. strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

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### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

4,4'-methylenediphenyl diisocyanate (101-68-8)		
USA ACGIH	ACGIH TWA (ppm)	0.005 ppm
USA ACGIH	ACGIH STEL (ppm)	0.005 ppm

### 8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear approved mask.
Other information	: When using, do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Dark amber
Colour	: Dark amber
Odour	: Aromatic odor
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: 3 °C at 1 ATM (37 °F)
Boiling point	: 200 °C at 5 mmHg (393 °F)
Flash point	: 220 °C Open Cup (428 °F)
Auto-ignition temperature	: > 250 °C (>482 °F)
Self-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0.00016 mm Hg at 20 °C (68 °F)
Relative vapour density at 20 °C	: No data available
Relative density	: 1.22 at 25 °C (77 °F)
Density	: 1.22 g/cm <sup>3</sup> at 20 °C (68 °F)
Bulk Density	: 10.17 lb/USg at 25 °C (77 °F)
Solubility	: Water: Reacts in water
Molar Mass	: 360 g/mol
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 200 mPa.s at 20 °C (68 °F)
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Upper Explosion limit: For liquids not relevant for classification and labelling. Lower Explosion limit: For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below flash point.

### 9.2. Other information

SADT	: > 60 °C (140 Deg F)
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable under normal conditions. Not established. Unstable explosives. Extreme risk of explosion by shock, friction, fire or other sources of ignition. Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. . Open flame. Overheating.

#### 10.5. Incompatible materials

strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

##### 4,4'-methylenediphenyl diisocyanate (101-68-8)

LD50 oral rat	> 7616 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rabbit	> 9400 mg/kg bodyweight (Rabbit; Read-across; Equivalent or similar to OECD 402)

##### methylenediphenyl diisocyanate, isomer mixture (26447-40-5)

LD50 oral rat	> 2000 mg/kg bodyweight (Rat; Other; Experimental value)
LD50 dermal rabbit	> 9400 mg/kg bodyweight (Rabbit; Read-across; Equivalent or similar to OECD 402)

##### polymethylene polyphenyl isocyanate (9016-87-9)

LD50 oral rat	> 10000 mg/kg (Rat; Literature study)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit; Literature study)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified

##### 4,4'-methylenediphenyl diisocyanate (101-68-8)

IARC group	3 - Not classifiable
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##### methylenediphenyl diisocyanate, isomer mixture (26447-40-5)

IARC group	3 - Not classifiable
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##### polymethylene polyphenyl isocyanate (9016-87-9)

IARC group	3 - Not classifiable
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Reproductive toxicity	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
	Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
	Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. Harmful if swallowed. Harmful if inhaled.

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Symptoms/injuries after inhalation	: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.
Symptoms/injuries after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.
Likely routes of exposure	: Inhalation

### SECTION 12: Ecological information

#### 12.1. Toxicity

<b>4,4'-methylenediphenyl diisocyanate (101-68-8)</b>	
LC50 fishes 1	> 1000 mg/l (96 h; Danio rerio; Nominal concentration)
EC50 Daphnia 1	129.7 mg/l (24 h; Daphnia magna; Locomotor effect)
Threshold limit algae 1	> 1640 mg/l (72 h; Desmodesmus subspicatus; Growth rate)
Threshold limit algae 2	1000 mg/l (112 days; Aquatic plants)

<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
LC50 fishes 1	> 1000 mg/l (96 h; Brachydanio rerio; Lethal)
EC50 Daphnia 1	> 1000 mg/l (24 h; Daphnia magna)
Threshold limit algae 1	> 1640 mg/l (72 h; Scenedesmus subspicatus; Growth rate)

<b>polymethylene polyphenyl isocyanate (9016-87-9)</b>	
LC50 other aquatic organisms 1	> 1000 mg/l (96 h)
Threshold limit other aquatic organisms 1	> 1000 mg/l (96 h)

#### 12.2. Persistence and degradability

<b>Composite Resource Pour Foam Part A (Mixture)</b>	
Persistence and degradability	Not established.

<b>4,4'-methylenediphenyl diisocyanate (101-68-8)</b>	
Persistence and degradability	Not readily biodegradable in water. No (test)data on mobility of the substance available.

<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
Persistence and degradability	Not readily biodegradable in water. No (test)data on mobility of the substance available.

<b>polymethylene polyphenyl isocyanate (9016-87-9)</b>	
Persistence and degradability	Not readily biodegradable in water. Hydrolysis in water. No (test)data on mobility of the substance available.

#### 12.3. Bioaccumulative potential

<b>Composite Resource Pour Foam Part A (Mixture)</b>	
Bioaccumulative potential	Not established.

<b>4,4'-methylenediphenyl diisocyanate (101-68-8)</b>	
BCF fish 1	0 (8 weeks; Cyprinus carpio; Test duration: 8 weeks)
BCF fish 2	92 - 200 (4 weeks; Cyprinus carpio; GLP)
Log Pow	5.22 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

<b>methylenediphenyl diisocyanate, isomer mixture (26447-40-5)</b>	
BCF fish 1	92 (28 days; Cyprinus carpio; GLP)
Log Pow	4.51 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 22 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

<b>polymethylene polyphenyl isocyanate (9016-87-9)</b>	
BCF fish 1	1 (Pisces)
Bioaccumulative potential	Not bioaccumulative.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to ...
- Additional information : Hazardous waste due to potential risk of explosion. Handle empty containers with care because residual vapours are flammable.
- Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with DOT  
No dangerous good in sense of transport regulations

#### Additional information

Other information : No supplementary information available.

#### ADR

Transport document description :

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

No additional information available

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Unst. Expl. H200

Eye Irrit. 2 H319

STOT SE 3 H335

Full text of H-phrases: see section 16

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations

No additional information available

#### 15.3. US State regulations

No additional information available

### SECTION 16: Other information

Other information : None.

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SDS US (GHS HazCom 2012)

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# Composite Resource Pour Foam Part B

## Safety Data Sheet CR25K

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/17/2014

Revision date:

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Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Composite Resource Pour Foam Part B  
CAS No : Mixture  
Product code : CR25KQ3 Part B, CR25KH3 Part B, CR25K2G2 Part B  
Other means of identification : DISTRIBUTED BY REVCHEM COMPOSITES, INC.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Composite Resources is supplied by Revchem Composites. 2720 South Willow Ave., Bloomington, CA 92316 1-800-281-4975

#### 1.4. Emergency telephone number

Emergency number : 800.424.9300  
CHEMTREC: 1-800-424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS08

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

Full text of H-phrases: see section 16

#### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Polyol	(CAS No) TRADE SECRET	< 85	Not classified
1,1,1,3,3-pentafluoropropane	(CAS No) 460-73-1	< 15	Not classified
Tris(2-chloro-1-methylethyl)phosphate	(CAS No) 13674-84-5	< 10	Acute Tox. 4 (Oral), H302
Diethylene glycol	(CAS No) 111-46-6	1 - 5	Not classified

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.



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First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

### 4.3. Indication of any immediate medical attention and special treatment needed

Until victim can be cared for by specialized staff:

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Heating increases the fire hazard. Heating may cause a fire. Heating may cause a fire or explosion. Insufficient data available on direct fire hazard (flashpoint > 100°C). Self-heating in large quantities; may catch fire. Temperature above flashpoint: higher fire/explosion hazard.  
Explosion hazard : May form flammable/explosive vapour-air mixture. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Explosive.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment. DO NOT fight fire when fire reaches explosives. Evacuate area.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion.  
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Keep away from sources of ignition - No smoking. No naked lights. No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.  
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Keep in fireproof place.  
Incompatible products : Strong bases. strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear approved mask.
Other information	: When using, do not eat, drink or smoke.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Amber
Colour	: Amber
Odour	: Amine-like. Mild.
Odour threshold	: No data available
pH	: > 7
Relative evaporation rate	: Value can be approximated from Henry's Law Constant or vapor pressure.
Melting range	: < -5 °C (23 °F)
Freezing point	: 3 °C at 1 ATM (37 °F)
Boiling point	: 100 °C at 760 mmHg (212 °F)
Flash point	: > 94 °C Open Cup (>201 °F)
Sublimation point	: No applicable information available
Self-ignition	: No self ignition was observed up to the specified temperature.
Auto-ignition temperature	: > 200 °C (>392 °F)
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Lower explosion limit	: For liquids not relevant for classification and labeling. The lower explosion point may be 5 - 15°C below the flash point.
Upper explosion limit	: For liquids not relevant for classification and labeling.
Vapour pressure	: 0.1 mm Hg at 20 °C (68 °F)
Relative vapour density	: Not applicable
Relative density	: No applicable information available
Density	: 8.8 g/cm <sup>3</sup> at 25 °C (77 °F)
Solubility	: Soluble in water
Miscibility with water	: Slightly soluble
Thermal decomposition	: No decomposition if stored and handled as prescribed/indicated.
Log Pow	: Unspecified
Log Kow	: No data available
Viscosity, kinematic	: No applicable information available
Viscosity, dynamic	: 560 mPa.s at 23 °C (73 °F)
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Lower Explosion Limit: For liquids not relevant for classification and labeling. The lower explosion point may be 5-15 C below the flash point. Upper Explosion Limit: For liquids not relevant for classification and labelling.

#### 9.2. Other information

Miscibility : with water slightly soluble

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

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### 10.2. Chemical stability

Stable under normal conditions. Not established. Unstable explosives. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. . Open flame. Overheating.

### 10.5. Incompatible materials

strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>diethylene glycol (111-46-6)</b>	
LD50 dermal rabbit	11890 mg/kg (Rabbit)
ATE CLP (oral)	500.000 mg/kg bodyweight
ATE CLP (dermal)	11890.000 mg/kg bodyweight

<b>1,1,1,3,3-pentafluoropropane (460-73-1)</b>	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (ppm)	> 200000 ppm/4h (Rat)

<b>tris(2-chloro-1-methylethyl)phosphate (13674-84-5)</b>	
LD50 oral rat	1150 - 1750 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value; 1011-1824 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	> 2000 mg/kg (Rat; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
ATE CLP (oral)	1150.000 mg/kg bodyweight

Skin corrosion/irritation	: Not classified pH: > 7
Serious eye damage/irritation	: Not classified pH: > 7
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Likely routes of exposure	: Inhalation

## SECTION 12: Ecological information

### 12.1. Toxicity

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<b>diethylene glycol (111-46-6)</b>	
LC50 fishes 1	> 5000 ppm (24 h; Carassius auratus)
LC50 other aquatic organisms 1	1174 mg/l (Xenopus laevis)
EC50 Daphnia 1	> 10000 mg/l (24 h; Daphnia magna)
LC50 fish 2	61072 ppm (168 h; Poecilia reticulata)
EC50 Daphnia 2	> 10000 mg/l (24 h; Daphnia magna)
TLM fish 1	> 32000 mg/l (96 h; Gambusia affinis)
TLM other aquatic organisms 1	> 1000 ppm (96 h)
Threshold limit other aquatic organisms 1	1174 mg/l (72 h; Xenopus laevis; Toxicity test)
Threshold limit other aquatic organisms 2	10745 mg/l (16 h; Protozoa; Toxicity test)
Threshold limit algae 1	2700 mg/l (168 h; Scenedesmus quadricauda)
Threshold limit algae 2	100 mg/l (Selenastrum capricornutum)

<b>1,1,1,3,3-pentafluoropropane (460-73-1)</b>	
EC50 Daphnia 1	> 97.9 mg/l (48 h; Daphnia magna)

<b>tris(2-chloro-1-methylethyl)phosphate (13674-84-5)</b>	
LC50 fishes 1	98 mg/l (96 h; Pimephales promelas; GLP)
EC50 Daphnia 1	65 - 335 mg/l (48 h; Daphnia magna; GLP)
LC50 fish 2	56.2 mg/l (96 h; Brachydanio rerio)
Threshold limit algae 1	73 mg/l (96 h; Selenastrum capricornutum; Growth rate)

### 12.2. Persistence and degradability

<b>Composite Resource Pour Foam Part B (Mixture)</b>	
Persistence and degradability	Not established.

<b>diethylene glycol (111-46-6)</b>	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photolysis in the air.
Biochemical oxygen demand (BOD)	0.02 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.51 g O <sub>2</sub> /g substance
ThOD	1.51 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.015 % ThOD

<b>Polyol (TRADE SECRET)</b>	
Persistence and degradability	Not established.

<b>1,1,1,3,3-pentafluoropropane (460-73-1)</b>	
Persistence and degradability	Biodegradability in water: no data available.

<b>tris(2-chloro-1-methylethyl)phosphate (13674-84-5)</b>	
Persistence and degradability	Not readily biodegradable in water. No (test)data on mobility of the substance available.

### 12.3. Bioaccumulative potential

<b>Composite Resource Pour Foam Part B (Mixture)</b>	
Bioaccumulative potential	Not established.

<b>diethylene glycol (111-46-6)</b>	
BCF fish 1	100 (3 h; Leuciscus melatonus)
Log Pow	-1.98 (Calculated; Other)
Bioaccumulative potential	Bioaccumulation: not applicable.

<b>Polyol (TRADE SECRET)</b>	
Bioaccumulative potential	Not established.

<b>1,1,1,3,3-pentafluoropropane (460-73-1)</b>	
Log Pow	1.35 - 2.04 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

<b>tris(2-chloro-1-methylethyl)phosphate (13674-84-5)</b>	
BCF fish 1	0.8 - 4.6 (Cyprinus carpio; Test duration: 6 weeks)
Log Pow	2.59 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

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### 12.4. Mobility in soil

#### diethylene glycol (111-46-6)

Surface tension	0.0485 N/m
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### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Hazardous waste due to potential risk of explosion.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT

No dangerous good in sense of transport regulations

### Additional information

Other information : No supplementary information available.

### ADR

Transport document description :

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

### 15.2. International regulations

#### CANADA

No additional information available

### EU-Regulations

No additional information available

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

### 15.2.2. National regulations

No additional information available

### 15.3. US State regulations

No additional information available

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### SECTION 16: Other information

Other information : None.

Full text of H-phrases: see section 16:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
H302	Harmful if swallowed

SDS US (GHS HazCom 2012)

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