

SECTION 1: IDENTIFICATION

Product Identifier

Product Name DELTA®-THAN

Intended Use of the Product

Permanently elastic rubber compound sealant and adhesive

Name, Address, and Telephone of the Responsible Party

Dörken Systems Inc.

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SECTION 2: HAZARDS IDENTIFICATION

Label Elements

Skin irritation or sensitization, and eye irritation

Highly flammable liquid and vapor

Hazard Statements



Appearance: Black

Physical State: Solid

Odor: Slight

Precautionary Statements – Prevention

Keep away from heat/sparks/open flame/hot surfaces – No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use Explosion-proof electrical/ventilating/lighting/equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Avoid breathing vapor

Wash thoroughly after handling

Use only outdoors or in a well-ventilated area

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements – Response

IF ON SKIN (or hair) – Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

IF INHALED – Remove to fresh air and keep at rest in a position comfortable for breathing

IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Call POISON CENTER or physician

Hazards not otherwise classified (HNOC)

Not Applicable

Unknown acute toxicity (GHS-US)

Not Applicable

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

Mixture of substances listed below with non-hazardous additions

Name	Product Identifier	% (w/w)
Butanone	(CAS No) 78-93-3	0.00 – 20
Ethyl acetate	(CAS No) 141-78-06	0.00 – 12.5

SECTION 4: FIRST AID MEASURES**Description of first aid measures**

- General:** In case of accident or un-wellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.
- Eye Contact:** Keep eye wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.
- Skin Contact:** Wash immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.
- Inhalation:** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.
- Ingestion:** Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.
- Self-protection:** Use personal protective equipment as required.

Most Important Symptoms and Effects Both Acute and Delayed

None known

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES**Extinguishing Media**

- Suitable:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO₂, sand, earth, water spray or alcohol resistant foam.
- Unsuitable:** Do not use a solid water stream as it may scatter and spread fire.

Special Hazards Arising From the Substance or Mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Explosion data

Reactivity: Hazardous reactions will not occur under normal conditions.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

General Measures: Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

Environmental Precautions: Collect spillage. Dispose of contents/container to an approved waste disposal plant.

Methods and Materials for Containment and Cleaning Up

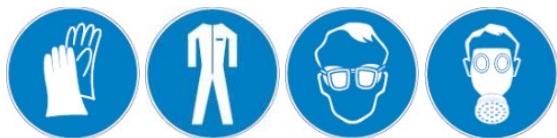
- For Containment:** No information available
- Methods for Cleaning Up:** Pick up and transfer to properly labeled containers.

SECTION 7: HANDLING AND STORAGEPrecautions for Safe Handling

- Advice of Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.
- Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIONControl parameters

- Exposure Guidelines:**
- Butanone (CAS No 78-93-3)**
 Short-Term value 899 mg/m³ – 300 ppm
 Long-Term value 600 mg/m³ – 200 ppm
- Ethyl acetate (CAS No 141-78-06)**
 Short-term value – 400 ppm
 Long-term value – 200 ppm
- Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.
- Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



- Other Information:** When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIESInformation on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Black
Odor	: Solvent – like
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: 120 - 160 °C (248 - 320 °F)
Freezing Point	: Not available
Boiling Point	: 77 °C (170 °F)
Flash Point	: -4 °C (24 °F)
Auto-ignition Temperature	: 460 °C (860 °F)
Decomposition Temperature	: > 300 °C (572 °F)
Flammability (solid, gas)	: Flammable / air vapor mixture are possible
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20°C	: 1 g/cm ³
Relative Density	: Not available
Solvent Content	Organic solvent: 26.0% VOC: 259.7 g/l
Specific Gravity / Density	: Not available

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Version 2

Specific Gravity	: Not available
Solubility	: Partly soluble
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: 37500 mPas
Explosion Data - Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data - Sensitivity to Static Discharge	: Lower limit – 1.8 Vol % / Upper limit – 11.5 Vol %

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Hazardous reactions will not occur under normal conditions.
Chemical Stability:	Stable under recommended handling and storage conditions (see section 7).
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Conditions to Avoid:	Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).
Incompatible Materials:	Strong acids
Hazardous Decomposition Products:	None by duly utilization and by storage per regulation

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Product

Skin Corrosion/Irritation:	Irritating of skin is possible at longer or repeating contact
Serious Eye Damage/Irritation:	Irritating effect
Respiratory or Skin Sensitization:	Vapor has narcotic effect
Ingestion:	Ingestion may cause adverse effects

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General:	Slightly hazardous for water. Do not allow undiluted product or large quantities to reach ground water or sewage systems.
Mobility in Soil:	Not available
Other Adverse Effects:	Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations:	Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
Additional Information:	Container may remain hazardous when empty. Continue to observe all precautions.
Ecology - Waste Materials:	Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT:	Class:	3
	Danger code (Kemler):	33
	UN Number:	1133
	Packaging group:	II
	Hazard label:	3
	Description of goods:	Adhesive



In Accordance with IMDG:	Class:	3
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UN Number: 1133
 Label: 3
 Packaging group: II
 EMS Number: F-E,S-D
 Marine pollutant: No
 Description of goods: Adhesive

In Accordance with IATA:



Class: 3
 UN Number: 1133
 Label: 3
 Packaging group: II
 EMS Number: F-E,S-D
 Marine pollutant: No
 Description of goods: Adhesive

In Accordance with TDG:



Class: 3
 UN Number: 1133
 Label: 3
 Packaging group: II
 EMS Number: F-E,S-D
 Marine pollutant: No
 Description of goods: Adhesive

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Butanone (CAS No) 78-93-3
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Ethyl acetate (CAS No 141-78-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Canadian Regulations

Butanone (CAS No 78-93-3)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision B – Poisonous and infectious material – toxic
Ethyl acetate (CAS No 141-78-6)	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
WHMIS Classification	Does not meet criteria

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Preparation Date: June 7, 2017

Revision Date: April 1, 2020

Party Responsible For The Preparation of This Document

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A **DÖRKEN**GROUP Company

Disclaimer

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