



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 04-Jun-2024

Version 3

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

### 1.1. Product identifier

**Product Code** 80063  
**Product Name** 98D HIGH TACK GASKET SEALANT 16 FL.OZ

### Other means of identification

Contains N-HEXANE, ROSIN, ACETONE

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

**Recommended Use** Sealant  
**Uses advised against** No information available

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

#### Only Representative (OR)

ITW Performance Polymers  
Bay 150  
Shannon Industrial Estate  
Co. Clare  
Ireland  
V14 DF82  
353(61)771500  
353(61)471285  
customerservice.shannon@itwpp.com

For further information, please contact

**Contact Point** ITW Permatex  
6875 Parkland Blvd.  
Solon, Ohio 44139 USA  
Telephone: 1-87-Permatex  
(866) 732-9502

### 1.4. Emergency telephone number

24-hour emergency phone number - §45 - (EC)1272/2008	
Europe	112
Austria	01 406 43 43
Belgium	070 245 245
Denmark	+ 45 8212 1212
Finland	0800 147 111/ 09 471 977
France	+33 (0)1 45 42 59 59
Germany	+49 228 192 40
Ireland	01 809 2166
Italy	0382-24444

Netherlands	+31 (0)88 755 8000
Norway	22 59 13 00
Poland	112
Portugal	+351 800 250 250
Slovenia	112
Spain	+34 91 562 04 20
Sweden	112
Switzerland	145
United Kingdom	111
Bulgaria	+359 2 9154 233
Croatia	+3851 2348 342
Cyprus	1401
Czech Republic	+420 224 919 293/ +420 224 915 402
Estonia	16662/ (+372) 7943 794
Greece	(003) 2107793777
Hungary	+36 80 201 199
Iceland	543 2222
Latvia	+371 67042473
Liechtenstein	01 406 43 43
Lithuania	+370 (85) 2362052
Luxembourg	(+352) 8002 5500
Romania	+40213183606
Slovakia	+421 2 5477 4166
Malta	112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flammable liquids	Category 2 - (H225)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitization	Category 1 - (H317)
Reproductive toxicity	Category 2 - (H361)
Specific target organ toxicity (single exposure)	Category 3 - (H335,H336)
Category 3 Respiratory irritation, Narcotic effects	
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)
Aspiration hazard	Category 1 - (H304)
Chronic aquatic toxicity	Category 2 - (H411)

### 2.2. Label elements

Contains N-HEXANE, ROSIN, ACETONE



#### Signal word

Danger

#### Hazard statements

H225 - Highly flammable liquid and vapor

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation  
 H373 - May cause damage to organs through prolonged or repeated exposure  
 H411 - Toxic to aquatic life with long lasting effects  
 H361f - Suspected of damaging fertility  
 H335 - May cause respiratory irritation  
 H336 - May cause drowsiness or dizziness

**Precautionary Statements - EU (§28, 1272/2008)**

P201 - Obtain special instructions before use  
 P202 - Do not handle until all safety precautions have been read and understood  
 P281 - Use personal protective equipment as required  
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
 P271 - Use only outdoors or in a well-ventilated area  
 P272 - Contaminated work clothing should not be allowed out of the workplace  
 P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P273 - Avoid release to the environment  
 P501 - Dispose of contents/container to hazardous or special waste collection point  
 P233 - Keep container tightly closed  
 P242 - Use only non-sparking tools  
 P243 - Take precautionary measures against static discharge  
 P308 + P313 - IF exposed or concerned: Get medical advice/attention  
 P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
 P363 - Wash contaminated clothing before reuse  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P337 + P313 - If eye irritation persists: Get medical advice/attention  
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 P331 - Do NOT induce vomiting  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P391 - Collect spillage  
 P403 + P235 - Store in a well-ventilated place. Keep cool  
 P405 - Store locked up  
 46.8381 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.  
 71.7204 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.  
 99.7883 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).  
 83.1519 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).  
 99.7883 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Unknown aquatic toxicity** Contains 35.6183 % of components with unknown hazards to the aquatic environment.

**2.3. Other hazards**

May be harmful in contact with skin. Toxic to aquatic life.

**Endocrine Disruptor Information**

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Chemical name	Weight-%	REACH registration No.	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
ACETONE 67-64-1	25 - <50%	Registration no:	(606-001-00-8) 200-662-2	Eye Irrit. 2 (H319)	-	-	-

		01-211947133 0-49-XXXX		STOT SE 3 (H336) Flam. Liq. 2 (H225) (EUH066)			
N-HEXANE 110-54-3	10 - <20%		(601-037-00-0) 203-777-6	Skin Irrit. 2 (H315) Repr. 2 (H361f) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225)	STOT RE 2 :: C>=5%	-	-
ROSIN 8050-09-7	10 - <20%	Registration no. 01-211948041 8-32-XXXX	(650-015-00-7) 232-475-7	Skin Sens. 1 (H317)	-	-	-

**Full text of H- and EUH-phrases: see section 16**

Acute Toxicity Estimate  
No information available

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
ACETONE 67-64-1	5800	15700	100.2	No data available	No data available
N-HEXANE 110-54-3	25000	3000	No data available	169.1681	No data available
ROSIN 8050-09-7	7600	2500	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	Rinse mouth.

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

**Symptoms** No information available.

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

**Effects of Exposure** No information available.

**Note to physicians** Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

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

**Specific hazards arising from the chemical** No information available.

**5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**SECTION 6: Accidental release measures**

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

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

### 7.3. Specific end use(s)

**Specific use(s)**  
Automotive Sealant.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
ACETONE 67-64-1	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> STEL 2000 ppm STEL 4800 mg/m <sup>3</sup>	TWA: 246 ppm TWA: 594 mg/m <sup>3</sup> STEL: 492 ppm STEL: 1187 mg/m <sup>3</sup>	STEL: 1400 mg/m <sup>3</sup> TWA: 600 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>
N-HEXANE 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> STEL 80 ppm STEL 288 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72.0 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> *
ROSIN 8050-09-7	-	-	-	-	TWA: 0.05 mg/m <sup>3</sup> STEL: 0.15 mg/m <sup>3</sup> Skin Sensitisation
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
ACETONE 67-64-1	* TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 800 mg/m <sup>3</sup> Ceiling: 1500 mg/m <sup>3</sup>	TWA: 250 ppm TWA: 600 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1200 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> STEL: 630 ppm STEL: 1500 mg/m <sup>3</sup>
N-HEXANE 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 70 mg/m <sup>3</sup> Ceiling: 200 mg/m <sup>3</sup> D*	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> STEL: 40 ppm STEL: 144 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> STEL: 500 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> iho*
ROSIN 8050-09-7	-	TWA: 1 mg/m <sup>3</sup> S+	-	-	-
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
ACETONE 67-64-1	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2420 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> Peak: 1000 ppm Peak: 2400 mg/m <sup>3</sup>	TWA: 1780 mg/m <sup>3</sup> STEL: 3560 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>
N-HEXANE 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 180 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 180 mg/m <sup>3</sup> Peak: 400 ppm	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 72 mg/m <sup>3</sup> TWA: 20 ppm b*

	STEL: 1500 mg/m <sup>3</sup>		Peak: 1440 mg/m <sup>3</sup>		
ROSIN 8050-09-7	TWA: 0.1 mg/m <sup>3</sup>	-	skin sensitizer	-	-
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
ACETONE 67-64-1	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1500 ppm STEL: 3630 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 250 ppm TWA: 594 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1187 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2420 mg/m <sup>3</sup>
N-HEXANE 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> STEL: 60 ppm STEL: 216 mg/m <sup>3</sup> Sk*	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 176 mg/m <sup>3</sup> cute*	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> TWA: 100 mg/m <sup>3</sup> STEL: 300 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>
ROSIN 8050-09-7	TWA: 0.05 mg/m <sup>3</sup> STEL: 0.15 mg/m <sup>3</sup> Sens+	-	senR+ senD+	TWA: 4 mg/m <sup>3</sup>	-
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
ACETONE 67-64-1	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1 ppm STEL: 2420 mg/m <sup>3</sup>	TWA: 125 ppm TWA: 295 mg/m <sup>3</sup> STEL: 156.25 ppm STEL: 368.75 mg/m <sup>3</sup>	STEL: 1800 mg/m <sup>3</sup> TWA: 600 mg/m <sup>3</sup>
N-HEXANE 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> STEL: 40 ppm STEL: 144 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> TWA: 40 ppm TWA: 275 mg/m <sup>3</sup> STEL: 30 ppm STEL: 108 mg/m <sup>3</sup> STEL: 60 ppm STEL: 343.75 mg/m <sup>3</sup>	TWA: 72 mg/m <sup>3</sup> skóra*
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
ACETONE 67-64-1	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 750 ppm	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 2420 mg/m <sup>3</sup> STEL: 1000 ppm	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup>
N-HEXANE 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> Cutânea*	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> TWA: 700 mg/m <sup>3</sup> STEL: 1000 mg/m <sup>3</sup>	TWA: 20 mg/m <sup>3</sup> TWA: 72 mg/m <sup>3</sup> Ceiling: 140 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> STEL: 576 mg/m <sup>3</sup> STEL: 160 ppm	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>
ROSIN 8050-09-7	Sensitizer Rosin core solder thermal decomposition products Sensitizer dermal and respiratory	TWA: 0.1 mg/m <sup>3</sup>	-	-	Sen+
Chemical name	Sweden	Switzerland	United Kingdom		
ACETONE 67-64-1	NGV: 250 ppm NGV: 600 mg/m <sup>3</sup> Vägledande KGV: 500 ppm Vägledande KGV: 1200 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2400 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1210 mg/m <sup>3</sup> STEL: 1500 ppm STEL: 3620 mg/m <sup>3</sup>		
N-HEXANE 110-54-3	NGV: 20 ppm NGV: 72 mg/m <sup>3</sup> NGV: 350 mg/m <sup>3</sup> Bindande KGV: 50 ppm Bindande KGV: 180 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 180 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1440 mg/m <sup>3</sup> H*	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> STEL: 216 mg/m <sup>3</sup>		
ROSIN 8050-09-7	-	S+	TWA: 0.05 mg/m <sup>3</sup> STEL: 0.15 mg/m <sup>3</sup> Sen+		

**Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific

regulatory bodies.

Chemical name	European Union	Austria	Bulgaria	Croatia	Czech Republic
ACETONE 67-64-1	-	-	80 mg/L - urine (Acetone) - at the end of exposure or end of work shift	20.0 mg/L - blood (Acetone) - at the end of the work shift 20.0 mg/g Creatinine - urine (Acetone) - at the end of the work shift	-
N-HEXANE 110-54-3	-	-	-	150 µg/L - blood (n-Hexane) - during exposure 40 ppm - final exhaled air (n-Hexane) - during exposure 0.20 mg/g Creatinine - urine (2-Hexanol) - at the end of the work shift 5.30 mg/g Creatinine - urine (2,5-Hexanedione) - at the end of the work shift	-
Chemical name	Denmark	Finland	France	Germany DFG	Germany TRGS
ACETONE 67-64-1	-	-	- urine (Acetone) - end of shift	50 mg/L (urine - Acetone end of shift) 50 mg/L - BAT (end of exposure or end of shift) urine 2.5 mg/L - BAR (end of exposure or end of shift) urine	50 mg/L (urine - Acetone end of shift)
N-HEXANE 110-54-3	-	-	- urine (2,5-Hexanedione) - end of shift	5 mg/L (urine - 2,5-Hexanedione plus 4,5-Dihydroxy-2-hexanone (after hydrolysis) end of shift) 5 mg/L - BAT (end of exposure or end of shift) urine 5 mg/L - BAT (for long-term exposures: at the end of the shift after several shifts) urine	5 mg/L (urine - 2,5-Hexanedione plus 4,5-Dihydroxy-2-hexanone (after hydrolysis) end of shift)
Chemical name	Hungary	Ireland	Italy MDLPS	Italy AIDII	
ACETONE 67-64-1	-	50 mg/L (urine - Acetone end of shift)	-	25 mg/L - urine (Acetone) - end of shift	
N-HEXANE 110-54-3	2 mg/L (urine - 2,5-Hexanedione (after hydrolysis) end of shift) 18 µmol/L (urine - 2,5-Hexanedione (after hydrolysis) end of shift)	0.4 mg/L (urine - 2,5-Hexanedione end of shift at end of workweek)	-	0.5 mg/L - urine (2,5-Hexanedione (without hydrolysis)) - end of shift at end of workweek	
Chemical name	Latvia	Luxembourg	Romania	Slovakia	
ACETONE	-	-	50 mg/L - urine (Acetone)	80 mg/L (urine - Acetone)	



67-64-1			- end of shift	end of exposure or work shift)
N-HEXANE 110-54-3	-	-	5 mg/g Creatinine - urine (2,5-Hexandione) - end of shift	5 mg/L (urine - 2,5-Hexanedione end of exposure or work shift) 5 mg/L (urine - 4,5-Dihydroxy-2-hexanone end of exposure or work shift)
Chemical name	Slovenia	Spain	Switzerland	United Kingdom
ACETONE 67-64-1	80.0 mg/L - urine (Acetone) - at the end of the work shift	50 mg/L (urine - Acetone end of shift)	50 mg/L (urine - Acetone end of shift) 0.86 mmol/L (urine - Acetone end of shift)	-
N-HEXANE 110-54-3	5 mg/L - urine (2,5-Hexandione and 4,5-Dihydroxy-2-hexanone (after hydrolysis)) - at the end of the work shift	0.2 mg/L (urine - 2,5-Hexanedione end of workweek)	5 mg/L (urine - 2,5-Hexanedione plus 4,5-Dihydroxy-2-hexanone end of shift)	-

**8.2. Exposure controls**

**Derived No Effect Level (DNEL) - Workers** No information available

**Derived No Effect Level (DNEL) - General Public** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

**Personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** No information available.

**SECTION 9: Physical and chemical properties**

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Red
<b>Color</b>	No information available
<b>Odor</b>	Solvent
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	No data available	None known

<b>Boiling point / boiling range</b>	57 °C	
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit:</b>	13.0%	
<b>Lower flammability limit:</b>	2.0%	
<b>Flash point</b>	-18 °C	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>		None known
<b>pH</b>	No data available	None known
<b>pH (as aqueous solution)</b>	No data available	No information available
<b>Kinematic viscosity</b>	No Data Available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Water solubility</b>	No data available	Partially soluble
<b>Solubility(ies)</b>	No Data Available	None known
<b>Partition coefficient</b>	No Data Available	None known
<b>Vapor pressure</b>	400 mm Hg	
<b>Relative density</b>	0.872	
<b>Bulk density</b>	No data available	
<b>Density</b>	No data available	
<b>Vapor density</b>	2.5	Air = 1
<b>Particle characteristics</b>		
<b>Particle Size</b>	No information available	
<b>Particle Size Distribution</b>	No information available	

**9.2. Other information**

**VOC content** 52.9502

9.2.1. Information with regard to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available > 1 Ether = 1

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity** No information available.

**Remarks** Not applicable.

**10.2. Chemical stability**

**Stability** Stable under normal conditions.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

**10.4. Conditions to avoid**

**Conditions to avoid** None known based on information supplied.

**10.5. Incompatible materials**

**Incompatible materials** None known based on information supplied.

**10.6. Hazardous decomposition products**

**Hazardous Decomposition Products** None known based on information supplied.

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Numerical measures of toxicity**

**Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	7,675.00
<b>ATEmix (dermal)</b>	2,796.00
<b>ATEmix (inhalation-vapor)</b>	48,611.00

- 46.8381 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 71.7204 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 99.7883 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 83.1519 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
- 99.7883 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
ACETONE	= 5800 mg/kg ( Rat )	> 15700 mg/kg ( Rabbit )	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
N-HEXANE	= 25 g/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 48000 ppm ( Rat ) 4 h
ROSIN	= 7600 mg/kg ( Rat ) = 3000 mg/kg ( Rat )	> 2500 mg/kg ( Rabbit )	= 1.5 mg/L ( Rat ) 4 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

Chemical name	European Union
N-HEXANE	Repr. 2

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

H373 - May cause damage to the following organs through prolonged or repeated exposure: nervous system.

**Aspiration hazard** No information available.

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**11.2.2. Other information**

**Other adverse effects** No information available.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

**Unknown aquatic toxicity** Contains 35.6183 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
ACETONE	-	LC50: 4.74 - 6.33mL/L (96h, Oncorhynchus mykiss) LC50: 6210 - 8120mg/L (96h, Pimephales promelas) LC50: =8300mg/L (96h, Lepomis macrochirus)	-	EC50: 10294 - 17704mg/L (48h, Daphnia magna) EC50: 12600 - 12700mg/L (48h, Daphnia magna)
N-HEXANE	-	LC50: 2.1 - 2.98mg/L (96h, Pimephales promelas)	-	-
ROSIN	EC50: =400mg/L (72h, Desmodesmus subspicatus)	-	-	EC50: 3.8 - 5.4mg/L (48h, Daphnia magna)

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation** No information available.

Chemical name	Partition coefficient
ACETONE	-0.24
N-HEXANE	4
ROSIN	7.7

**12.4. Mobility in soil**

**Mobility in soil** No information available.

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** No information available.

Chemical name	PBT and vPvB assessment
ACETONE	The substance is not PBT / vPvB
N-HEXANE	The substance is not PBT / vPvB
ROSIN	The substance is not PBT / vPvB

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**SECTION 14: Transport information**

**IATA**

- 14.1 UN number or ID number ID 8000
- 14.2 Proper shipping name Consumer commodity
- 14.3 Transport hazard class(es) 9
- 14.4 Packing group Not regulated
- 14.5 Environmental hazard Not applicable
- 14.6 Special precautions for user

**IMDG**

- 14.1 UN number or ID number 1133
- 14.2 Proper shipping name Adhesives Limited Quantity (LQ)
- 14.3 Transport hazard class(es) 3
- 14.4 Packing Group II
- 14.5 Environmental hazard Not applicable
- 14.6 Special precautions for user

**14.7 Maritime transport in bulk according to IMO instruments**

**RID**

14.1 UN/ID No	1133
14.2 Proper shipping name	Adhesives Limited Quantity (LQ)
14.3 Transport hazard class(es)	3
14.4 Packing Group	II
14.5 Environmental hazard	Not applicable
14.6 Special precautions for user	

**ADR**

14.1 UN number or ID number	1133
14.2 Proper shipping name	Adhesives Limited Quantity (LQ)
14.3 Transport hazard class(es)	3
14.4 Packing Group	II
14.5 Environmental hazard	Not applicable
14.6 Special precautions for user	
Classification code	F1

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Chemical name	French RG number
ACETONE - 67-64-1	RG 84
N-HEXANE - 110-54-3	RG 59, RG 84
ROSIN - 8050-09-7	RG 65, RG 66

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
N-HEXANE	-	-	Fertility Category 2

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
ACETONE - 67-64-1	75.	-
N-HEXANE - 110-54-3	75.	-
ROSIN - 8050-09-7	75.	-

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Not determined
ENCS	Not determined
IECSC	Complies
KECI	Complies
PICCS	Complies
AICS	Not determined

**Legend:**

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**15.2. Chemical safety assessment**

**Chemical Safety Report** No information available

**SECTION 16: Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**

- H315 - Causes skin irritation
- H361f - Suspected of damaging fertility
- H336 - May cause drowsiness or dizziness
- H373 - May cause damage to organs through prolonged or repeated exposure if inhaled
- H304 - May be fatal if swallowed and enters airways
- H411 - Toxic to aquatic life with long lasting effects
- H225 - Highly flammable liquid and vapor
- H319 - Causes serious eye irritation
- H317 - May cause an allergic skin reaction
- EUH066 - Repeated exposure may cause skin dryness or cracking

**Legend**

SVHC: Substances of Very High Concern for Authorization:  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

- Agency for Toxic Substances and Disease Registry (ATSDR)
- U.S. Environmental Protection Agency ChemView Database
- European Food Safety Authority (EFSA)
- Environmental Protection Agency
- Acute Exposure Guideline Level(s) (AEGL(s))
- U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
- U.S. Environmental Protection Agency High Production Volume Chemicals
- Food Research Journal
- Hazardous Substance Database
- International Uniform Chemical Information Database (IUCLID)
- Japan GHS Classification
- Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

Revision Date 04-Jun-2024

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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**End of Safety Data Sheet**

**EU SDS version information - EGHS**

UL release:  
GHS Revision 7  
2023 Q1

Specific target organ toxicity (single exposure) Category 3 Target organ effects: Respiratory irritation, Narcotic effects.	Category 3
Specific target organ toxicity (repeated exposure) Category 2 nervous system.	Category 2

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation  
H361f - Suspected of damaging fertility  
H336 - May cause drowsiness or dizziness  
H373 - May cause damage to organs through prolonged or repeated exposure if inhaled  
H304 - May be fatal if swallowed and enters airways  
H411 - Toxic to aquatic life with long lasting effects  
H225 - Highly flammable liquid and vapor  
H319 - Causes serious eye irritation  
H317 - May cause an allergic skin reaction  
EUH066 - Repeated exposure may cause skin dryness or cracking

Chemical name	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)
ACETONE	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225) (EUH066)	
N-HEXANE	Skin Irrit. 2 (H315) Repr. 2 (H361f) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225)	STOT RE 2 :: C>=5%
ROSIN	Skin Sens. 1 (H317)	

Chemical name	CAS No.	French RG number
ACETONE	67-64-1	RG 84
N-HEXANE	110-54-3	RG 59, RG 84
ROSIN	8050-09-7	RG 65, RG 66



VOC content