#### acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: June 22, 2022

**Revision: N/A** 

**JORDAHL**<sup>®</sup>

anchored in guality

### 1 Identification

#### <sup>•</sup> Product identifier

Trade name: Super Tac

· Article number: 22-15

#### · Recommended use and restriction on use

· Recommended use: Adhesives

· Restrictions on use: No relevant information available.

### <sup>•</sup> Details of the supplier of the Safety Data Sheet

Jordahl Canada Inc 35 Devon Road Brampton, ON L6T 5B6 Phone: 800-848-9442

#### • Emergency telephone number: ChemTel Inc. (800)255-3924 (North America)

+1 (813)248-0585 (International)

#### 2 Hazard(s) identification

#### <sup>•</sup> Classification of the substance or mixture

Flam. Liq. 2 H225 Highly flammable liquid and vapor.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

- Repr. 2 H361 Suspected of damaging fertility or the unborn child. Route of exposure: Inhalation.
- STOT SE 3 H336 May cause drowsiness or dizziness.

STOT RE 2 H373 May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

#### <sup>·</sup> Label elements

#### · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS). • Hazard pictograms:



# • Signal word: Danger

Hazard statements:

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

- H361 Suspected of damaging fertility or the unborn child. Route of exposure: Inhalation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

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	if swallowed and enters airways.
<ul> <li>Precautionary sta</li> </ul>	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe mist/vapors/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection.
P301+P310	If swallowed: Immediately call a poison center/doctor.
P331	Do NOT induce vomiting.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use foam, powder, or carbon dioxide for extinction.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards T	There are no other hazards not otherwise classified that have been identified.

# 3 Composition/information on ingredients

### · Chemical characterization: Mixtures

· Components:

	Component		
	142-82-5	heptane Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336 Eye Irrit. 2B, H320	20-40%
	108-88-3	toluene Flam. Liq. 2, H225 Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336	10-20%
	1317-65-3	limestone	1-5%
	71011-25-1	Alkyl Quaternary ammonium bentonite	1-5%
[		(Cont'd	. on page 3)

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1-5%

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🚯 Eye Irrit. 2A, H319

1332-58-7 Clay

#### · Additional information:

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret. For the wording of the listed Hazard Statements, refer to section 16.

#### 4 First-aid measures

#### <sup>•</sup> Description of first aid measures

#### · After inhalation:

Supply fresh air; consult doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of unconsciousness place patient stably in side position for transportation. • After skin contact: Immediately remove any clothing soiled by the product. Immediately wash with water and soap and rinse thoroughly. If skin irritation is experienced, consult a doctor. · After eve contact: Remove contact lenses if worn, if possible. Rinse opened eye for several minutes under running water. Then consult a doctor. · After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help. A person vomiting while lying on their back should be turned onto their side. · Most important symptoms and effects, both acute and delayed: Headache Dizziness Coughing Breathing difficulty Irritant to skin and mucous membranes. Irritating to eyes. Gastric or intestinal disorders when ingested. Nausea in case of ingestion. Danger: Danger of disturbed cardiac rhythm. Danger of convulsion. Danger of impaired breathing. Vapours may cause drowsiness and dizziness. May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation. May damage fertility or the unborn child. Route of exposure: Inhalation. May be fatal if swallowed and enters airways. Indication of any immediate medical attention and special treatment needed: May produce a cardiotoxic / hemotoxic effect. Contains toluene.

May cause neurotoxic effects.

If swallowed or in case of vomiting, danger of entering the lungs.

If necessary oxygen respiration treatment.

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Medical supervision for at least 48 hours. Monitor circulation, possible shock treatment. Later observation for pneumonia and pulmonary edema.

### **5** Fire-fighting measures

#### • Extinguishing media

#### Suitable extinguishing agents:

Water fog / haze Foam Gaseous extinguishing agents

Fire-extinguishing powder

• For safety reasons unsuitable extinguishing agents: Water stream.

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

Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

· Additional information:

Eliminate all ignition sources if safe to do so.

Cool endangered receptacles with water spray.

#### 6 Accidental release measures

#### • Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Protect from heat.

#### Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Prevent from spreading (e.g. by damming-in or oil barriers).

Inform respective authorities in case of seepage into water course or sewage system.

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

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders). Send for recovery or disposal in suitable receptacles.

Used rags or other cleaning materials should be soaked with water and placed in a sealed container.

#### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7 Handling and storage

#### · Handling

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· Precautions for safe handling: Avoid breathing mist, vapors, or spray. Avoid contact with the eves and skin. Handle with care. Keep out of reach of children. Use only in well ventilated areas. Rags, metal wools / cuttings / shavings and waste papers soaked with product must be placed in a sealed metal container rated for flammable waste. Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Fumes can combine with air to form an explosive mixture. Flammable gas-air mixtures may be formed in empty containers/receptacles. Conditions for safe storage, including any incompatibilities Requirements to be met by storerooms and receptacles: Store in cool, dry conditions in well sealed receptacles. Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

Specific end use(s) No relevant information available.

### 8 Exposure controls/personal protection

#### <sup>·</sup> Control parameters

· Components w	vith limit values that require monitoring at the workplace:
142-82-5 hepta	ne
PEL (USA)	Long-term value: 2000 mg/m <sup>3</sup> , 500 ppm
REL (USA)	Long-term value: 350 mg/m³, 85 ppm Ceiling limit value: 1800* mg/m³, 440* ppm *15-min
TLV (USA)	Short-term value: 2050 mg/m³, 500 ppm Long-term value: 1640 mg/m³, 400 ppm
EL (Canada)	Short-term value: 500 ppm Long-term value: 400 ppm
EV (Canada)	Short-term value: 2045 mg/m³, 500 ppm Long-term value: 1635 mg/m³, 400 ppm
LMPE (Mexico)	Short-term value: 500 ppm Long-term value: 400 ppm
108-88-3 toluer	16
PEL (USA)	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL (USA)	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm
TLV (USA)	Long-term value: 75 mg/m <sup>3</sup> , 20 ppm
	(Cont'd. on page 6)

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	BEI	(Cont'd. of page 5)
EL (Canada)	Long-term value: 20 ppm R	
EV (Canada)	Long-term value: 20 ppm	
	Long-term value: 20 ppm	
	A4, ĬBE	
1317-65-3 lime		
PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup>	
	*total dust **respirable fraction Long-term value: 10* 5** mg/m <sup>3</sup>	
REL (USA)	*total dust **respirable fraction	
TLV (USA)	TLV withdrawn	
1332-58-7 Clay		
PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup>	
	*total dust **respirable fraction	
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup>	
	*total dust **respirable fraction	
TLV (USA)	Long-term value: 2* mg/m <sup>3</sup> E; as respirable fraction	
EL (Canada)	Long-term value: 2 mg/m <sup>3</sup>	
EV (Canada)	Long-term value: 2(D) mg/m <sup>3</sup>	
	respirable	
LMPE (Mexico)	Long-term value: 2* mg/m <sup>3</sup>	
	A4, *fracción respirable	
-	th biological limit values:	
108-88-3 toluer		
BEI (USA) 0.02	2 mg/L Jium: blood	
	e: prior to last shift of workweek	
Para	ameter: Toluene	
	3 mg/L	
	dium: urine	
	e: end of shift	
Para	ameter: Toluene	
0.3	mg/g creatinine	
Med	lium: urine	
	e: end of shift ameter: o-Cresol with hydrolysis (background)	
Exposure co		
	ctive and hygienic measures: autionary measures for handling chemicals should be followed.	
	n foodstuffs, beverages and feed.	
Immediately rer	nove all soiled and contaminated clothing.	
Wash hands be	fore breaks and at the end of work.	(Cont'd. on page 7)
		(Cont d. On page 7)

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Do not inhale gases / fumes / aerosols.

Pregnant women should strictly avoid inhalation or skin contact.

Avoid contact with the eyes and skin.

· Engineering controls: No relevant information available.

#### · Breathing equipment:

Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.

• Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. • **Eye protection:** 



Safety glasses

· Body protection: Protective work clothing

- Limitation and supervision of exposure into the environment No relevant information available.
- · Risk management measures No relevant information available.

Information on basic physical a Appearance:	and chemical properties
Form:	Pasty
Color:	Brown
Odor:	Mild
Odor threshold:	Not determined.
pH-value:	Not determined.
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	>35 °C (>95 °F)
Flash point:	<-18 °C (<-0.4 °F)
Flammability (solid, gaseous):	Not applicable.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Danger of explosion:	Product is not explosive. However, formation of explosive a vapor mixtures are possible.
Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
Oxidizing properties:	Non-oxidizing.

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· Vapor pressure:	Not determined.	
Density:		
Relative density:	1.01	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
Solubility in / Miscibility with		
Water:	Not miscible or difficult to mix.	
Partition coefficient (n-octanol/wa	ater): Not determined.	
Viscosity		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
<sup>·</sup> Other information	No relevant information available.	

#### **10 Stability and reactivity**

· Reactivity: No relevant information available.

- · Chemical stability:
- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

Keep away from heat and direct sunlight.

Possibility of hazardous reactions

Reacts violently with oxidizing agents.

Highly flammable liquid and vapor.

Used empty containers may contain product gases which form explosive mixtures with air. Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized. Toxic fumes may be released if heated above the decomposition point.

Conditions to avoid Excessive heat.

· Incompatible materials Oxidizers

· Hazardous decomposition products

Carbon monoxide and carbon dioxide

Hydrocarbons

11 Toxicol	ogical i	information	
		toxicological effects ased on available data, the classification criteria are not met.	
· LD/LC50	values th	hat are relevant for classification:	
142-82-5	heptane		
Oral	LD50	>5000 mg/kg (rat) (Estimate)	
108-88-3	toluene		
Oral	LD50	5000 mg/kg (rat)	
Dermal	LD50	12124 mg/kg (rabbit)	
	1	(Cont'd. or	n page 9)

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Inhalative LC50/4h 5320 mg/l (mouse)

· Primary irritant effect:

· On the skin: Irritant to skin and mucous membranes.

On the eye: Irritating effect.

• Sensitization: No sensitizing effects known.

· IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

• NTP (National Toxicology Program):

None of the ingredients are listed.

#### · OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

Probable route(s) of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

• Germ cell mutagenicity: Based on available data, the classification criteria are not met.

· Carcinogenicity: Based on available data, the classification criteria are not met.

• **Reproductive toxicity:** Suspected of damaging fertility or the unborn child. Route of exposure: Inhalation.

• STOT-single exposure: May cause drowsiness or dizziness.

· STOT-repeated exposure:

May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

• Aspiration hazard: May be fatal if swallowed and enters airways.

### **12 Ecological information**

<sup>·</sup> Toxicity

· Aquatic toxicity Very toxic to aquatic life with long lasting effects.

- Persistence and degradability No relevant information available.
- · **Bioaccumulative potential:** No relevant information available.
- Mobility in soil: No relevant information available.

#### Additional ecological information

· General notes:

Avoid release to the environment.

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

#### <sup>•</sup> Results of PBT and vPvB assessment

- · **PBT:** Not applicable.
- **vPvB:** Not applicable.

· Other adverse effects No relevant information available.

#### **13 Disposal considerations**

· Waste treatment methods

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#### · Recommendation:

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

#### · Uncleaned packagings

• Recommendation: Disposal must be made according to official regulations.

UN-Number	
DOT, ADR, IMDG, IATA	UN1133
UN proper shipping name DOT, IATA ADR, IMDG	Adhesives ADHESIVES
Transport hazard class(es)	
DOT	
Class	3 Flammable liquids
Label	3
ADR	
<b>*</b>	
Class	3 (F1) Flammable liquids
Label	3
IMDG, IATA	
Class	3 Flammable liquids
Label	3
Packing group DOT, ADR, IMDG, IATA	II
Environmental hazards	Product contains environmentally hazardo substances: heptane
Marine pollutant:	

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Yes	(Cont'd. of page 10)
<ul> <li>Special precautions for user</li> <li>Danger code (Kemler):</li> <li>EMS Number:</li> </ul>	Warning: Flammable liquids 33 F-E,S-D
<ul> <li>Transport in bulk according to Annex II o MARPOL73/78 and the IBC Code</li> </ul>	f Not applicable.
<ul> <li>Transport/Additional information:</li> <li>DOT</li> <li>Limited Quantity for packages less than</li> <li>Labeling as a Marine Pollutant is only required</li> </ul>	30 kg gross and inner packagings less than 5 L each. ed for bulk single package shipments. Bulk packaging 450 L (119 gallons) for a liquid and a maximum net mass
Marine pollutants packaged in single or combin	30 kg gross and inner packagings less than 5 L each. Nation packagings containing a net quantity per single or g a net mass per single or inner packaging of 5 kg or less o marine pollutants. (See 5.2.1.8.1)
Marine pollutants packaged in single or combin	30 kg gross and inner packagings less than 5 L each. ation packagings containing a net quantity per single or g a net mass per single or inner packaging of 5 kg or less marine pollutants. (See 2.10.2.7)
• IATA Limited Quantity for packages less than 1 L net.	30 kg gross and inner packagings less than 0.5 L each /

# **15 Regulatory information**

Safety, health and environmental regulations/legislation specific for the substance or (Cont'd. on page 12) mixture

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· United States (USA) · SARA	
· Section 302 (extremely hazardous substances):	
None of the ingredients are listed.	
· Section 355 (extremely hazardous substances):	
None of the ingredients are listed.	
· Section 313 (Specific toxic chemical listings):	
108-88-3 toluene	
TSCA (Toxic Substances Control Act)	
All ingredients are listed.	
· Proposition 65 (California)	
· Chemicals known to cause cancer:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients are listed.	
· Chemicals known to cause developmental toxicity:	
108-88-3 toluene	
· EPA (Environmental Protection Agency):	
142-82-5 heptane	
108-88-3 toluene	
· IARC (International Agency for Research on Cancer):	
None of the ingredients are listed.	
· NIOSH-Ca (National Institute for Occupational Safety and Health):	
None of the ingredients are listed.	
· Canadian Domestic Substances List (DSL):	
All ingredients are listed.	

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Date of preparation / last revision March 27, 2018 / -

· Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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(Cont'd. of page 12) PBT: Persistant, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety & Health Administration Flam. Liq. 2: Flammable liquids - Category 2 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A Eye Irrit. 2B: Serious eye damage/eye irritation - Category 2B Repr. 2: Reproductive toxicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Asp. Tox. 1: Aspiration hazard - Category 1 · Sources Website, European Chemicals Agency (echa.europa.eu) Website. US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com