

# SAFETY DATA SHEET

## 1. IDENTIFICATION

### Product Identifier

Trade name: Sprayable Seam Sealer Beige

Product Number: 1587

Relevant identified uses of the substance or mixture and uses advised against: No further relevant information available.

Application of the substance / the mixture: Sealant

### Details Of The Supplier Of The Safety Data Sheet

Manufacturer/Supplier:  
International Epoxies & Sealers  
30241 Commerce Drive  
San Antonio, FL 33576 USA  
Tel: 1-800-451-7206

NZ Distributor:  
Wyatt Machine Tools (Rupes) NZ Ltd  
388 Church St, Penrose, AKL,1061  
P: (09)525-1000 F:(09)525-1009  
NZ Emergency: 0800 992 881  
0800WYATT1

Emergency Telephone: 800 CHEMCALL (243 622,

## 2. HAZARD(S) IDENTIFICATION

### Classification Of The Substance Or Mixture



GHS02

*Flam. Liq. 3 H226 Flammable liquid and vapor.*



GHS08

*Carc. 2 H351 Suspected of causing cancer.*



GHS07

*Skin Irrit. 2 H315 Causes skin irritation.*

- Classification According To Directive 67/548/EEC or Directive 1999/45/EC



*Harmful*

*Harmful by inhalation and in contact with skin.*



*Irritant*

*Irritating to skin.*

*Flammable.*

- Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- Label Elements

GHS Label Elements

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

- Hazard Pictograms: GHS02, GHS07, GHS08

- Signal Word: Warning

- Hazard-Determining Components Of Labeling: *Titanium dioxide*

- Hazard Statements

*H226 Flammable liquid and vapor.*

*H315 Causes skin irritation.*

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H351 Suspected of causing cancer.

## - Precautionary Statements

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P243 Take precautionary measures against static discharge.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## - Hazard description:

## - Canadian Hazard Symbols

- B2 - Flammable liquid  
D2B - Toxic material causing other toxic effects



## - Classification system:

## - NFPA ratings (scale 0 - 4)



## - HMIS-ratings (scale 0 - 4)

HEALTH	2	Health = 2
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

## - Other hazards

## - Results of PBT and vPvB assessment

- BT: Not applicable.  
- vPvB: Not applicable.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### - Chemical Characterization: Mixtures

### - Description: Mixture of the substances listed below with additions.

#### Dangerous components:

Xylene, mixed isomers, pure	CAS: 1330-20-7	EINECS: 215-535-7	25-<50%
Titanium dioxide	CAS: 13463-67-7	EINECS: 236-675-5	1-<5%
Naphtha (petroleum), hydrodesulfurized heavy	CAS: 64742-82-1	EINECS: 265-185-4	<1%

### - Additional information: For the wording of the listed risk phrases refer to section 16.

## 4. FIRST AID MEASURES

### Description Of First Aid Measures

#### - General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

#### - After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

#### - After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

#### - After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### - After swallowing: If symptoms persist consult doctor.

#### - Most important symptoms and effects, both acute and delayed: No further relevant information available.

#### - Indication of any immediate medical attention and special treatment needed: No further relevant information available.

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## 5. FIRE FIGHTING MEASURES

### Extinguishing media

- Suitable extinguishing agents: CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- For safety reasons unsuitable extinguishing agents: Water. Water with full jet
- Special hazards arising from the substance or mixture: No further relevant information available.
- Advice for firefighters
  - Protective equipment: Mount respiratory protective device.
  - Additional Information: Cool endangered receptacles with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:
  - Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.
  - Do not flush with water or aqueous cleansing agents
- 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

- Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Use only in well ventilated areas.
- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
- Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles: No special requirements.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: Keep receptacle tightly sealed.
- Specific end use(s): No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional Information about design of technical systems: No further data; see item 7.

- Control Parameters
- Components with limit values that require monitoring at the workplace:
  - 1330-20-7 Xylene, mixed isomers, pure
    - PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm
    - REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm
    - Long-term value: 435 mg/m<sup>3</sup>, 100 ppm
    - TLV Short-term value: 651 mg/m<sup>3</sup>, 150 ppm
    - Long-term value: 434 mg/m<sup>3</sup>, 100 ppm
    - BEI
- Ingredients with biological limit values:
  - 1330-20-7 Xylene, mixed isomers, pure
    - BEI 1.5 g/g creatinine
    - Medium: urine
    - Time: end of shift
    - Parameter: Methylhippuric acids
- CAS No. Designation of material % Type Value Unit
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional Information: The lists that were valid during the creation were used as basis.
- Exposure controls
  - Personal protective equipment:

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- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Do not inhale gases / fumes / aerosols.
  - Avoid contact with the skin.
  - Avoid close or long term contact with the skin.
  - Avoid contact with the eyes and skin.
- **Breathing equipment:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:** Protective gloves
  - Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
  - Fluorocarbon rubber (Viton)
  - Recommended thickness of the material:  $\geq 0.12$  mm
  - Penetration time of glove material: > 480 min.
  - The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Tightly sealed goggles
- **Body protection:** Use protective suit.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information On Basic Physical And Chemical Properties

- **General Information**
- **Appearance:**
  - Form: Viscous
  - Color: Beige
  - Odor: Characteristic
  - Odor threshold: Not determined.
- **pH-value at 20°C:** 7.0
- **Change in condition**
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: 135°C
- **Flash point:** 24 °C (DIN 53213)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 500°C
- **Decomposition temperature:** Not determined.
- **Auto Igniting:** Product is not self-igniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
- **Explosion limits:**
  - Lower: 1.0 Vol %
  - Upper: 7.0 Vol %
- **Vapor pressure at 20°C:** 6 hPa
- **Density at 20°C:** 1.19 g/cm<sup>3</sup> (DIN 51757)
  - Relative density Not determined.
  - Vapour density Not determined.
  - Evaporation rate Not determined.
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic at 20 °C: 160000 mPas
  - Kinematic: Not determined.
- **Solvent content:**
  - Organic solvents: 39.9 %
- **VOC Content:** 39.9 %
- **Solids content:** 60.0 % (DIN 53216)
- **Other Information:** No further relevant information available.
- **VOC (EU):** 39.92 %
- **VOC (EU):** 475.0 g/l
- **VOC (US):** 475.0 g/l / 3.96 lb/gl

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## 10. STABILITY AND REACTIVITY

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: Carbon monoxide

## 11. TOXICOLOGICAL INFORMATION

- Information on toxicological effects
- Acute toxicity:

- LD/LC50 values that are relevant for classification:

### ATE (Acute Toxicity Estimates)

Oral	LD50	9.904 mg/kg
Dermal	LD50	4.960 mg/kg
Inhalative	LC50/4 h	414 mg/l

### 1330-20-7 Xylene, mixed isomers, pure

Oral	LD50	8700 mg/kg (RAT)
Dermal	LD50	2000 mg/kg (RABBIT)
Inhalative	LC50/4 h	6350 mg/l (RAT)
	LC50/24 h	100-1000 mg/l (DAPHNIA MAGNA)
	LC50/96 h	11.9-25.1 mg/l (SALMO GAIRDNERI / ONCORHYNCHUS MYKISS)

### 13463-67-7 Titanium dioxide

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (RABBIT)
Inhalative	LC50/4 h	>6.8 mg/l (RAT)
	LC50/48 h	>100 mg/l (DAPHNIA MAGNA)
		>1000 mg/l (Fish)
	LC50/96 h	>100 mg/l (SALMO GAIRDNERI / ONCORHYNCHUS MYKISS)
		>1000 mg/l (pimephales promelas)

### 64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy

Oral	LD50	>6500 mg/kg (RAT)
Dermal	LD50	>3000 mg/kg (RABBIT)

- Primary irritant effect:
  - on the skin: Irritant to skin and mucous membranes.
  - on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.

### - Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful  
Irritant

### - Carcinogenic Categories

#### - IARC (International Agency for Research on Cancer)

1330-20-7	Xylene, mixed isomers, pure	3
9003-55-8	Benzene, ethenyl-, polymer with 1,3-butadiene	3
13463-67-7	Titanium dioxide	2B
100-41-4	Ethylbenzene	2B
1309-37-1	Diiron trioxide	3
1333-86-4	Carbon black	2B

- NTP (National Toxicology Program): None of the ingredients is listed.
- OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

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## 12. ECOLOGICAL INFORMATION

### Toxicity

#### - Aquatic toxicity:

13463-67-7 Titanium dioxide

EC50/72 h >10000 mg/l (ALGAE)

61 mg/l (SELENASTRUM CAPRICORNUTUM)

- Persistence and degradability: No further relevant information available.

- Bioaccumulative potential: No further relevant information available.

- Mobility in soil: No further relevant information available.

- Additional ecological information:

- General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

- Other adverse effects: No further relevant information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### - Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

### Uncleaned packages:

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

## 14. TRANSPORTATION INFORMATION

#### - UN-Number

DOT, IMDG, IATA UN1263

ADR, ADN Void

#### - UN proper shipping name

DOT Paint

ADR, ADN Void

IMDG, IATA PAINT

#### - Transport hazard class(es)

##### - DOT

Class 3 Flammable liquids

Label 3



##### - ADR, ADN

Class Void

##### - IMDG, IATA

Class 3 Flammable liquids

Label 3



#### - Packing Group

DOT, IMDG, IATA III

ADR Void

#### - Environmental hazards:

Marine pollutant: No

- Special precautions for user: Not applicable.

- EMS Number: F-E,S-E

- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

- Transport/Additional information: Transport classification ADR/IMDG is based on packaging >30ltr(IMDG), <450ltr(ADR).

For other packaging units different classification can apply.

See ADR 2.2.3.1.3/ 2.2.3.1.4 und IMDG 2.3.2.3 / 2.3.2.5

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- DOT
  - Quantity limitations: On passenger aircraft/rail: 60 L  
On cargo aircraft only: 220 L
- IMDG
  - Limited quantities (LQ) 5L
  - Excepted quantities (EQ) Code: E1
  - Maximum net quantity per inner packaging: 30 ml
  - Maximum net quantity per outer packaging: 1000 ml
- UN "Model Regulation": -

## 15. REGULATORY INFORMATION

### - Safety, health and environmental regulations/legislation specific for the substance or mixture

- Sara
- Section 355 (extremely hazardous substances):
  - None of the ingredient is listed.
- Section 313 (Specific toxic chemical listings):
 

Xylene, mixed isomers, pure	25-<50%
butan-1-ol	<1%
Ethylbenzene	<1%
- Proposition 65
- Chemicals known to cause cancer:
 

Titanium dioxide	1-<5%
Ethylbenzene	<1%
Carbon black	<1%
- Chemicals known to cause reproductive toxicity for females:
  - None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for males:
  - None of the ingredients is listed.
- Chemicals known to cause developmental toxicity:
  - None of the ingredients is listed.
- Cancerogenity categories
- EPA (Environmental Protection Agency)
 

Xylene, mixed isomers, pure	I	25-<50%
butan-1-ol	D	<1%
Ethylbenzene	D	<1%
- TLV (Threshold Limit Value established by ACGIH)
 

Xylene, mixed isomers, pure	A4	25-<50%
Titanium dioxide	A4	1-<5%
Ethylbenzene	A3	<1%
Diiron trioxide	A4	<1%
Carbon black	A4	<1%
- NIOSH-Ca (National Institute for Occupational Safety and Health)
 

Titanium dioxide	1-<5%
Carbon black	<1%

### - GHS Label Elements

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

- Hazard Pictograms: GHS02, GHS07, GHS08

- Signal Word: Warning

- Hazard-determining components of labeling: Titanium dioxide

### - Hazard statements

- H226 Flammable liquid and vapor.
- H315 Causes skin irritation.
- H351 Suspected of causing cancer.

### - Precautionary statements

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P243 Take precautionary measures against static discharge.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### - National regulations:

- Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

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- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 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.

- Department issuing MSDS: Product safety department.
- Contact: info@internationalepoxies.com
- Date of preparation / last revision: 09/25/2014 / 2
- Abbreviations and acronyms:
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (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
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - WHMIS: Workplace Hazardous Materials Information System (Canada)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - Flam. Liq. 3: Flammable liquids, Hazard Category 3
  - Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  - Carc. 2: Carcinogenicity, Hazard Category 2
- \* Data compared to the previous version altered.

END OF MSDS