



# SAFETY DATA SHEET

## F-925 TORQUE SEAL

According to Regulation (EU) No 453/2010

According to Regulation (EC) No 1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name F-925 TORQUE SEAL  
Internal Id Haas Compilation Date: 20/OCT/2014

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

Identified uses Inspection lacquer.  
Uses advised against No specific uses advised against are identified.

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

Supplier Haas Group International SCM Ltd  
Newton Road, Crawley,  
West Sussex, RH10 9TY  
United Kingdom  
44 (0) 1293 459500  
+1 703 527 3887 Chemtrec Emergency 24hrs  
44 (0) 1293 459600  
datasheet@haasgroupintl.com  
Contact Person Haas Group International - SDS Department, Crawley, UK.  
Manufacturer Organic Products Company Inc  
1963 E. Irving, Blvd, Irving  
TX 75060  
USA  
001 972 438 7321

#### 1.4. Emergency telephone number

National Emergency Telephone Number  
001 703 527 3887 (24 hours) Chemtrec

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (EC 1272/2008)  
Physical and Chemical Hazards Flam. Liq. 3 - H226  
Human health Acute Tox. 4 - H302; Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; STOT SE 3 - H335  
Environment Not classified.  
Classification (1999/45/EEC) Xn; R22. Xi; R36/37/38. R10.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

##### Human health

The product is irritating to eyes and skin. Irritating to respiratory system. Harmful if swallowed. Diarrhoea. Nausea, vomiting. Ingestion may result in unconsciousness, blindness and death.

##### Physical and Chemical Hazards

Flammable/combustible material.

#### 2.2. Label elements

Contains PROPAN-1-OL  
DIACETONE ALCOHOL (a,b)

Label In Accordance With (EC) No. 1272/2008

# F-925 TORQUE SEAL



Signal Word	Warning	
Hazard Statements	H226 H302 H315 H319 H335	Flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.
Precautionary Statements	P280 P305+351+338 P501	Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents/container in accordance with local regulations. Dispose of contents/container in accordance with national regulations.
Supplementary Precautionary Statements	P210 P242 P271 P261 P264 P301+312 P302+352 P304+340 P312 P362 P403+233	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing vapour/spray. Wash contaminated skin thoroughly after handling. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Take off contaminated clothing and wash before reuse. Store in a well-ventilated place. Keep container tightly closed.

## 2.3. Other hazards

Not determined.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

PROPAN-1-OL	30-60%
CAS-No.: 71-23-8	EC No.: 200-746-9
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Dam. 1 - H318 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R41 R67
DIACETONE ALCOHOL (a,b)	10-40%
CAS-No.: 123-42-2	EC No.: 204-626-7
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.

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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### **4.1. Description of first aid measures**

Inhalation

Remove victim immediately from source of exposure. Get medical attention immediately! Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. For breathing difficulties oxygen may be necessary.

Ingestion

Get medical attention. If person is drowsy or unconscious, place on left side with head down. If possible, do not leave individual unattended. Do not induce vomiting unless directed to do so by medical personnel. Do not leave victim unattended. Never give liquid to an unconscious person.

Skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. Wash contaminated clothing before reuse.

Eye contact

Move the exposed person to fresh air at once. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Immediately transport to hospital or eye specialist.

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

Inhalation

High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting, malaise, blurred vision, blindness, coma.

Ingestion

Nausea, vomiting. Diarrhoea. Ingestion may result in unconsciousness, blindness and death. May cause discomfort if swallowed.

Irritating.

Skin contact

Slightly irritating. Prolonged skin contact may cause redness and irritation. Swelling. Possible necrosis.

Eye contact

May cause severe irritation to eyes. Irritating and may cause redness and pain.

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

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog. Water.

Unsuitable extinguishing media

None known.

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

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

FLAMMABLE. Closed containers can burst violently when heated, due to excess pressure build-up. May travel considerable distance to source of ignition and flash back.

Specific hazards

When heated and in case of fire, toxic vapours/gases may be formed.

### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

## **6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

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

Evacuate spill area. Absorb spillage with suitable absorbent material. Transfer to a container for disposal.

## **6.4. Reference to other sections**

For personal protection, see section 8. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. "Empty" containers may contain residue which may form explosive vapours. Do not weld or cut near empty container that has not been professionally reconditioned. Use non-sparking tools when opening and closing containers. Provide adequate ventilation.

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

Keep container tightly sealed when not in use. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame. For incompatibilities, see section 10.5.

Storage Class

Flammable liquid storage.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-1-OL	WEL	200 ppm	500 mg/m <sup>3</sup>	250 ppm	625 mg/m <sup>3</sup>	Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### **8.2. Exposure controls**

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

Respiratory equipment

Respiratory protection not required. In case of inadequate ventilation use suitable respirator. NIOSH approved respirator if required.

Hand protection

Neoprene gloves are recommended. Nitrile. Butyl rubber.

Eye protection

Wear approved safety goggles.

Other Protection

Provide eyewash station.

Skin protection

Wear an apron. Protection suit must be worn.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

Appearance

Coloured paste.

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Odour	Characteristic. Odour of alcohol.
Solubility	Appreciable.
Initial boiling point and boiling range (°C)	148 F (64 C)
Relative density	1.077
Vapour density (air=1)	1.11
Vapour pressure	127 mmHg @ 25 C
Evaporation rate	< 1 (water=1)
Viscosity	Paste
Flash point (°C)	~43 C (109 F) TOC (Tag open cup).
Auto Ignition Temperature (°C)	725 F (385 C)
Flammability Limit - Lower(%)	6.6 %
Flammability Limit - Upper(%)	36.0 %

## **9.2. Other information**

Volatile Organic Compound (VOC) 478 g/litre

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

### **10.3. Possibility of hazardous reactions**

Hazardous Polymerisation

Will not occur.

Polymerisation Description

Not relevant

### **10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition.

### **10.5. Incompatible materials**

Materials To Avoid

Strong oxidising substances. Strong acids.

### **10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Hydrocarbons.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

Toxicological information

No information available.

Toxicological information on ingredients.

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PROPAN-1-OL (CAS: 71-23-8)

Acute toxicity:

Acute Toxicity (Oral LD50)

~ 8000 mg/kg Rat

Acute Toxicity (Dermal LD50)

4032 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

> 33.8 mg/l (vapours) Rat 4 hours

DIACETONE ALCOHOL (a,b) (CAS: 123-42-2)

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

There are no data on the ecotoxicity of this product. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatised biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a marine pollutant.

### **12.1. Toxicity**

No data available.

Ecological information on ingredients.

PROPAN-1-OL (CAS: 71-23-8)

Acute Toxicity - Fish

LC50 96 hours 4555 mg/l Pimephales promelas (Fat-head Minnow)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 2177 mg/l Daphnia magna

Acute Toxicity - Microorganisms

EC50 9600 mg/l Activated sludge

### **12.2. Persistence and degradability**

Degradability

There are no data on the degradability of this product.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential

No data available on bioaccumulation.

### **12.4. Mobility in soil**

Mobility:

No data available.

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

Not determined.

### **12.6. Other adverse effects**

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Product may produce hazardous vapours in a closed disposal container.

## SECTION 14: TRANSPORT INFORMATION

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## **14.1. UN number**

UN No. (ADR/RID/ADN)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263

## **14.2. UN proper shipping name**

Proper Shipping Name	PAINT
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## **14.3. Transport hazard class(es)**

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	



## **14.4. Packing group**

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

## **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
Not determined.

## **14.6. Special precautions for user**

EMS	F-E, S-E
Emergency Action Code	•3YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

## **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not relevant

## **SECTION 15: REGULATORY INFORMATION**

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

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## EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

## National Regulations

All components of this product are listed on the TSCA inventory or are exempt from listing.

## **15.2. Chemical Safety Assessment**

Not known.

## **SECTION 16: OTHER INFORMATION**

### Information Sources

Information from manufacturer's SDS.

Issued By SDS Department, Crawley.

Revision Date (MFG) 01/JAN/2014

### Risk Phrases In Full

R10	Flammable.
R22	Harmful if swallowed.
R11	Highly flammable
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.

### Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.