



TSB #:	TSB20112301	Release Date:	12/15/2023
Main Group:	20 - Chassis		
Subject:	Tire Sealant Canister Service Action		
Vehicle: 32	FM29 OCEAN	Production Range:	Up to 10/25/2023
Model Year(s):	2023	Region(s):	Global
Mobile Service:	YES		

SERVICE ACTION: Inspect – Remove – Replace Tire Sealant Canister

Perform the procedure outlined in this Technical Service Bulletin on all affected vehicles before customer delivery.

In the event the customer already has possession of a vehicle affected by this action, please perform the procedure the next time the vehicle is scheduled for a Service.

Affected Vehicles:

All Fisker Ocean models produced prior to **October 25, 2023**, (as of VIN VCF1EBU23PG008754) will require a canister replacement or check for installation of an updated canister.

Complaint:

Tire sealant material may leak from the Tire Sealant Canister.

- In some cases, the sealant may leak out of the protective bag and into the Styrofoam partition compartment located below the rear cargo area.
- Customer will not be able to use the tire sealant system, in the event a flat tire with a minor "sealable" link is encountered.



Figure 1 - Container with Leakage

Cause:

Tire sealant material may leak from the Tire Sealant Canister.

- In some cases, the sealant may leak out of the protective bag and into the Styrofoam partition compartment located below the rear cargo area.
- Customer will not be able to use the tire sealant system, in the event a flat tire with a minor "sealable" link is encountered.



TECHNICAL SERVICE BULLETIN

Correction: Tire Sealant Canister improvement

All canisters installed into vehicles manufactured before **OCTOBER 25, 2023** (as of VIN VCF1EBU23PG008754) may present a potential to leak from the sealant canisters yellow cap.

Internal the container will present a volume difference due to temperature change, generating a vacuum which sucks the anti-leak cap from this fixed position.

All canisters will be replaced with a newly revised yellow cap with modified internal sealing cap and additional plugs to prevent leakage.

Revised canister yellow cap will include the following:

- Additional plugs (black and yellow) on external yellow sealant cap (Fig. 2 & 3).
- Revised internal sealing cap.
- Revised part number on container (FM292070001038BDEV - Fig. 4) or green dot on the outside of the bag for early replacement canisters.
- User instruction

Updated bottle label with new reference number and QR Code.



Figure 2 - External plug locations



Figure 3 - Physical cap view on yellow sealant cap






 FM29207001038BDEV 620 ml e 0.66 US-quarts  DUNLOP TECH GmbH Offenbacher Landstraße 8 63456 Hanau, Germany Made in Germany	(08) (09) (10) (11) (12) Reifendichtmittel. Sicherheitsdatenblatt auf Anfrage erhältlich. (08) (09) (10) (11) (12) Tyre sealant. Safety data sheet available on request. (08) (09) (10) (11) (12) Scellant pour pneus. Fiche de données de sécurité disponible sur demande. (08) (09) (10) (11) (12) Sellador de neumáticos. Puede solicitarse la ficha de datos de seguridad. (08) (09) (10) (11) (12) Sigillante per pneumatici. Scheda dati di sicurezza disponibile su richiesta. (08) (09) (10) (11) (12) Selante de pneu. Ficha de segurança fornecida a pedido. (08) (09) (10) (11) (12) Środek uszczelniający opony. Karta charakterystyki dostępna na żądanie. (08) (09) (10) (11) (12) Герметик для шин. Спецификация по мерам безопасности предоставляется по требованию. (08) (09) (10) (11) (12) Lastik szidimazsik maddesi. Talerp halinde güvenlik bilgi formu sağlanabilir. (08) (09) (10) (11) (12) חומר לאיטום צמיגים. גיליון בטיחות ינתן לפי דרישה. (08) (09) (10) (11) (12) Tætningsmiddel til dæk. Sikkerhedsdatablad kan på anmodning rekvireres. (08) (09) (10) (11) (12) Dekktetningsmiddel. Sikkerhedsdatablad er tilgjengelig på anmodning. (08) (09) (10) (11) (12) Däcktätningsmedel. Säkerhetsdatablad finns att rekvirera. (08) (09) (10) (11) (12) Bandenafdichtmiddel. Veiligheidsinformatieblad op verzoek verkrijgbaar. (08) (09) (10) (11) (12) مواد ختم الإطارات. صحيفة بيانات السلامة متوفرة عند الطلب. (08) (09) (10) (11) (12) タイヤシール剤。要求に応じて安全データシート利用可能。 (08) (09) (10) (11) (12) 轮胎密封材料 按要求提供安全数据表。 (08) (09) (10) (11) (12) टायर सीलेंट. सुरक्षा आकड़ा शीट अनुरोध पर उपलब्ध. (08) (09) (10) (11) (12) 타이어 실런트. 요청 시 물질안전보건자료 제공 가능. (08) (09) (10) (11) (12) Bahan penyegelan ban roda. Lembar data keselamatan tersedia sesuai permintaan. (08) (09) (10) (11) (12) Keo dán lốp. Phiếu an toàn hóa chất được cung cấp theo yêu cầu. (08) (09) (10) (11) (12) น้ำยาปิดรอยฉีกขาดและอุดยางรั่ว. มีเอกสารข้อมูลความปลอดภัยให้ตามคำขอ. (08) (09) (10) (11) (12) Bahan pengedap tayar. Helaian data keselamatan disediakan atas permintaan.	  original: O.K. ✓  not original: no
	Maximum pressure 8 bar 116 psi	

Figure 4 - Revised Sealant Canister Part Label

Rework Packages

Rework #1 – Removal Only (Ports & PDI Locations)

- Removal of the leaking bottle only.



- Labor time for cleaning if sealant has leaked out of the plastic bag into the partition.

Rework #2 – Install Only (Ports & PDI Locations)

- Revised sealant cannister is installed prior to delivery – No cannister is present.
- Labor time for cleaning if sealant has leaked out of the plastic bag into the partition but not cleaned-up previously.
- Labor for repalcing partition tray if cleanup is not possible.

Rework #3 - Remove and Replacement Only

- Remove old canister and install revised cannister
- Labor time for cleaning if sealant has leaked out of the plastic bag into the partition.
- Labor for repalcing partition tray if cleanup is not possible.

Rework #4 - Inspect and Confirm Revised Canister Installed Only

- Confirm that a revised canister is already installed
- Updated Part Number or green dot on bag and yellow cap has plugs on each end

Leaked Canister Handling:

The fluid inside the canister is classified as nonhazardous in accordance with regulation 29 CFR 1910.1200 (d). If a leak into the partition or other portion of the storage are encountered, Fisker recommend the following:

- Avoid contact with skin, eyes, and clothing.
- Ensure adequate ventilation to the leaked area.
- Use correct personal protective clothes (protective gloves resistant to chemicals, long sleeves, & safety glasses).
- Do not discharge or flush the filling of the container into the drains, surface, water, groundwater, or sanitary sewer system.
- Use an absorbent material or pad to assist in the cleanup of the liquid sealant and dispose of the saturated material in compliance with local regulation.
- Wash your hand immediately after handling the leaked sealant and/or cleaning.

For more information, please refer to the Safety data sheet attached at the end of the following bulletin.

Impacted Vehicles:

All Fisker Ocean models produced prior to **October 25, 2023**, (as of VIN VCF1EBU23PG008754) will require a canister replacement.

In addition to canister replacement, vehicles will require a visual inspection for any leaked fluid inside the trunk compartment & trunk partition box.

If sealant has gotten outside of the canister packaging (plastic bag), technician should attempt to clean up the leak if possible or replace the trunk partition box if the leak sealant has congealed and/or been absorbed into the Styrofoam partition.

Disposal of Removed Canisters:

Dispose of all removed "old" sealant canisters in accordance with local regulations.

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Parts Info:		
Part Number	Description	Quantity
FM2920700103C	TIRE SEALANT BOTTLE	1
FM2940350011B	TRUNK PARTITION BOX	1
Warranty Info:		
Information provided below must be used when completing the Work Order Line item associated to this complaint and repair, covered under the terms of the Fisker New Vehicle Limited Warranty:		
1FRU = 6 Min		
Job Code:	20.73	Tire Sealant
Rework #1	Removal Only - Port	
Service Code:	SA7007520200	Remove Damaged Tire Sealant Canister
Labor Operation	Labor Time	Description
0002S800	1FRU	Cleaning - Maintenance Operation
2073S100	0.5 FRU	Tire Sealant Bottle - Remove
Rework #2	Install Only - Port/PDI	
Service Code:	SA7007520201	Install Revised Tire Sealant Canister
Labor Operation	Labor Time	Description
2073S200	0.5 FRU	Tire Sealant Bottle - Install
0002S800	1FRU	Cleaning - Maintenance Operation
4038S302	0.5 FRU	Partition Tray - Remove/Replace
Rework #3	Remove and Replacement Only - Service	
Service Code:	SA7007520202	Remove & Replace Old Tire Sealant Canister
Labor Operation	Labor Time	Description
20730102	1FRU	Tire Sealant Bottle - Remove Replace

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0002S800	1 FRU	Cleaning - Maintenance Operation
4038S302	0.5 FRU	Partition Tray - Remove/Replace
Rework #4	Inspect and Confirm Revised Canister Installed Only - Service	
Service Code:	SA7007520203	Inspect Tire Sealant Canister
Labor Operation	Labor Time	Description
2073S400	1 FRU	Tire Sealant Bottle - Inspect



Procedure:

Tire Sealant Canister Leak Cleaning

Required Tools:

1. Protective latex gloves
2. Long sleeves
3. Safety glasses
4. Absorbent material (Cloth, sand, silica gel, universal binder, etc.)
5. Dry cloths
6. Any cleaning detergent (not solvent)
7. Portable vacuum (if needed)

Steps to correct cleaning in case of trunk leakage:

1. Open the liftgate.
2. Access the storage compartment under the rear cargo.





3. Remove the sealant canister from the partition box.



4. Inspect if leaked sealant is inside the partition box. If there is no liquid in the partition box proceed to step 9.

- Example of a clean partition box.



- Example of a leaked partition box.



5. Remove everything from inside the partition box.

NOTE: If the amount of sealant that has leaked out of the canister and plastic bag is significant or has been absorbed into the partition tray or has congealed then:

- Take a picture of the issue and attach it to the Work Order.
- Ignore the cleaning process of step 6,7 & 8 and replace with a new partition box; a picture will be needed to justify the replacement.



6. If the amount of sealant that has leaked out of the canister and plastic bag is minimal: use an absorbent material or pad to assist in the cleanup of the liquid sealant and dispose of the saturated material or pad in compliance with local regulation.
7. Use a vacuum, if any absorbent material such as sand or silica gel was used to absorb the sealant, to clean up the material.
8. With a dry cloth and mild cleaning agent, clean the rest of the partition box, especially in the areas where the leaked fluid has dried or was not removable in the prior step.
9. Replace the tire sealant bottle and reinstall all components that were removed.

The Partition box material has the property to absorb the liquid if exposed for a prolonged amount of time, leading to a possibility of spreading the liquid sealant into other areas of the storage area requiring additional clean-up

Disposal of Bottles:

Dispose of the cannisters in accordance with local regulations.



TECHNICAL SERVICE BULLETIN

APPENDIX A - Safety Data Sheet

DunlopTech GmbH

Safety Data Sheet according to 29 CFR 1910.1200(g)

IMS19		
Revision date: 06/08/2022	Product code: 00648-0019	Page 1 of 8

1. Identification

Product identifier

IMS19

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Tyre sealing material

Details of the supplier of the safety data sheet

Company name:	DunlopTech GmbH	
Street:	Offenbacher Landstraße 8	
Place:	D-63456 Hanau	
Telephone:	+49 (0) 6181 - 9394 0	Telefax: +49 (0) 6181 - 9394 310
Responsible Department:	Responsible for the safety data sheet: sds@gbk-ingelheim.de	

Emergency phone number: +49 (0) 6131 - 1 92 40

2. Hazard(s) identification

Classification of the chemical

29 CFR Part 1910.1200

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

Label elements

Hazards not otherwise classified

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

Repeated contact may cause allergic reactions with very susceptible persons.

3. Composition/information on ingredients

Mixtures

Chemical characterization
Aqueous dispersion

4. First-aid measures

Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.

After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
If you feel unwell, seek medical advice.

After contact with skin

Wash off with soap and plenty of water.
Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.

After ingestion

Rinse out mouth and give plenty of water to drink.
Never give anything by mouth to an unconscious person.
Do not induce vomiting.



DunlopTech GmbH

Sicherheitsdatenblatt

gemäß Verordnung (EG) Nr. 1907/2006

IMS19

Überarbeitet am: 08.06.2022

Materialnummer: 00648-0019

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ABSCHNITT 1: Bezeichnung des Stoffs beziehungsweise des Gemischs und des Unternehmens

1.1. Produktidentifikator

IMS19

UFI: Y76T-573S-RE29-D7MK

1.2. Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird

Verwendung des Stoffs/des Gemischs

Reifendichtmittel

1.3. Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt

Firmenname:	DunlopTech GmbH	
Straße:	Offenbacher Landstraße 8	
Ort:	D-83456 Hanau	
Telefon:	+49 (0) 6181 - 9394 0	Telefax: +49 (0) 6181 - 9394 310
Auskunftsgebender Bereich:	Verantwortlich für das Sicherheitsdatenblatt: sds@gbk-ingelheim.de	

1.4. Notrufnummer:

+49 (0) 6131 - 1 92 40

ABSCHNITT 2: Mögliche Gefahren

2.1. Einstufung des Stoffs oder Gemischs

Verordnung (EG) Nr. 1272/2008

Dieses Gemisch ist nicht als gefährlich eingestuft im Sinne der Verordnung (EG) Nr. 1272/2008.

2.2. Kennzeichnungselemente

Verordnung (EG) Nr. 1272/2008

Besondere Kennzeichnung bestimmter Gemische

EUH208	Enthält Naturlatex. Kann allergische Reaktionen hervorrufen.
EUH210	Sicherheitsdatenblatt auf Anfrage erhältlich.

2.3. Sonstige Gefahren

Gemäß Verordnung (EG) Nr. 1907/2006 (REACH) enthält dieses Produkt keine PBT / vPvB - Substanzen. Das Gemisch enthält keine Stoffe, die aufgrund endokrin wirkender Eigenschaften gemäß REACH Artikel 59 Absatz 1 in der Liste enthalten sind, oder es wurde gemäß den Kriterien der Delegierten-Verordnung (EU) 2017/2100 oder der Verordnung (EU) 2018/605 der Kommission festgestellt, dass es keine endokrin wirkende Eigenschaften aufweist. Kann bei wiederholtem Kontakt bei besonders empfindlichen Personen zu allergischen Reaktionen führen.

ABSCHNITT 3: Zusammensetzung/Angaben zu Bestandteilen

3.2. Gemische

Chemische Charakterisierung

Wässrige Dispersion

ABSCHNITT 4: Erste-Hilfe-Maßnahmen

4.1. Beschreibung der Erste-Hilfe-Maßnahmen

Allgemeine Hinweise

Beschmutzte, getränkte Kleidung sofort ausziehen.
Bei anhaltenden Beschwerden Arzt hinzuziehen.

Nach Einatmen

Nach Einatmen der Brandgase oder Zersetzungsprodukte im Unglücksfall an die frische Luft bringen.
Bei Unwohlsein ärztlichen Rat einholen.