

MATERIAL SAFETY DATA SHEET

Description: SAF DASH

Revision Number: 02

Document Number: MSDS D001



SILICONE PROTECTOR FOR NON-FABRIC SURFACES

GENERAL

SAF-DASH is a water-based (silicone emulsion) protector for non-fabric surfaces to protect them against drying out, becoming dull, cracking and ultra violet rays.

FORMULATION

SAF-DASH is based on a selection of sophisticated silicone oils, non-ionic emulsifiers, preservatives and perfumes.

PRODUCT DESCRIPTION

| TEST | UNIT | SPECIFICATION |
|-------------|-------------------|---------------------|
| Appearance | | White opaque liquid |
| Odour | | Lavender |
| Density | g/cm ³ | 0,98 - 1,02 |
| pH | | 6,5 - 7,5 |
| Flash point | | Non-flammable |
| Toxicity | | Non-toxic |

APPLICATIONS

- * Dashboard and other vinyl or leather surfaces.
- * Leather or vinyl briefcases.
- * Office furniture (wood, vinyl or leather).
- * Plastic bumpers and trimmings.
- * Tyres.
- * Plastic bumpers and trimmings.

Prepared by: Sabelo Dladla
Reviewed by: Doug Cutter
Status: Issued

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WARNING:

KEEP OUT OF REACH OF CHILDREN.

THE RECOMMENDATIONS CONTAINED HERE-IN IS BASED ON LABORATORY TESTS AND INFIELD USE EXPERIENCE, AND ARE TO THE BEST OF OUR KNOWLEDGE ACCURATE. SINCE TERMS AND CONDITIONS OF ACTUAL USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESS OR IMPLIED.

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Company Details

| | | | |
|----------------|-----------------------------------|---------|--|
| Name | S.A.F.I.C (PTY) LTD | Tel: | +27 11 406 4000 |
| Address | 32 Steele Street, Steeledale | Fax: | +27 11 406 4252 |
| Postal Address | PO BOX 1754, Alberton North, 1450 | e-mail: | technical@safic.co.za |

1. Product Identification

| | | | |
|-----------------|---|---------------|------|
| Trade Name | SAF – DASH | Product Code: | D001 |
| Chemical Family | Water based silicones | | |
| Chemical Name | Formulated chemical | | |
| Product Use | Silicone protector for non – fabric surfaces. | | |

2. Composition

| CAS No. | Hazardous Components | Approximate % | OSHA PEL |
|--------------------|---------------------------|---------------|----------|
| N/A | Non hazardous Ingredients | N/A | N/A |
| EEC classification | Irritant (Xi), SAF - DASH | | |
| R Phrases | R36, SAF - DASH | | |

3. Hazards Identification

| | |
|--------------|-------------------|
| Main Hazard | Irritant |
| Fire | Non flammable |
| Inhalation | No effects |
| Skin contact | Slight irritant |
| Eye contact | Irritant, burning |
| Ingestion | Nausea, vomiting |

4. First Aid Measures

| | |
|--------------|--|
| Inhalation | No hazards |
| Skin contact | Rinse affected area with water. |
| Eye contact | Flush with running water for at least 15 min, irrigate eyes thoroughly while lifting eyelids and rolling eyeballs. If discomfort persists, seek medical attention. |
| Ingestion | Rinse mouth with water, allow patient as much water as possible. Seek medical attention. |

5. Fire Fighting Measures

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| | |
|---------------------|---|
| Extinguishing media | Product is non-flammable, use extinguishing agents suitable for surrounding fire. |
| Special hazard | None known |
| Protective clothing | Approved self contained breathing apparatus should be utilised or equivalent equipment. |

6. Accidental Release Measures

| | |
|---------------------------|--|
| Environmental Precautions | As per good environmental management practices, prevent contamination of watercourses or ground with large quantities of undiluted product. |
| Small spills | Remove excess with absorbent material and flush residue with plenty of water. |
| Large spills | Dyke ahead of liquid spill for later disposal. Prevent the discharge of large amounts of concentrated product into sewerage, and watercourses. |

7. Handling & Storage

| | |
|----------|--|
| Handling | Normal handling procedure for emulsions to minimise personal exposure. |
| Storage | Store in a cool dry place. Keep container closed. No special requirements. |

8. Exposure Controls/Personal Protection

| |
|--|
| Workers should have access to an eye wash fountain. |
| If the specific application may result in splashing, safety goggles (VNC11 supplier – MSA) should be utilised. |

9. Physical and Chemical Properties

| | |
|--------------------|-------------------------------|
| Appearance | White opaque liquid |
| pH | 6.5 – 7.5 |
| Density | 0.98 – 1.02 g/cm ³ |
| Solubility (water) | 100 % |

10. Stability and Reactivity

| | |
|----------------------------------|---------------------------------|
| Stability | Stable under normal conditions. |
| Conditions to avoid | Contact with oxidizing agents |
| Hazardous decomposition products | Toxic fumes may be liberated. |

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11. Toxicological Information (based on silicone)

| | |
|---------------------|--|
| Toxicity | Acute dermal: TDLo: 260 mg/kg (6-18 D preg): TER, rabbit |
| Carcinogenicity | No evidence of carcinogenic properties. |
| Mutagenicity | No evidence of mutagenic effects. |
| Teratogenicity | No evidence of teratogenic effects. |
| Reproductive hazard | Not expected to impair fertility |

12. Ecological Information (based on silicone)

| | |
|--------------------------|--|
| Acute toxicity – fish | 1 < LC50 < 100 mg/l |
| Acute toxicity - daphnia | 1 < LC50 < 200 mg/l |
| Acute toxicity – algae | The product can be toxic to aquatic life only at excessive quantities. |
| Biodegradability | The product is readily biodegradable |
| Bio accumulation | No possibility of bio accumulation. |

13. Disposal Considerations

| | |
|---|--|
| Disposal methods | Dispose as per local agreed government method. |
| When disposing of large quantities, the foaming nature of the product should be taken into consideration. | |
| Disposal of packaging | Recycle or wash thoroughly to be re-used. |

14. Transport Information

| | |
|-------------------------|------|
| Substance identity no | D001 |
| ADR/RID class | N/A |
| IMDG – packaging group | III |
| Marine Pollutant | No |
| IMO/IMDG Classification | N/A |
| IATA Classification | N/A |

15. Regulatory Information

| | |
|-------------------|---------------|
| EC Classification | Irritant (Xi) |
| EC Risk phrases | R36 |
| EC Safety phrases | S25 |

16. Other Information

References: SABS 0265: 1999, SABS 0228: 1995, SABS ISO 11014-1: 1994, M.S.D.S. (Suppliers of raw's)

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EMERGENCY NUMBERS: 011 406 4000/ 082 412 2298

The information in this MSDS is based on current knowledge and experience at the date of publication. This MSDS summarises our best knowledge of the health and safety hazard information of the product regarding the precautionary handling, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification of the product. The data relates only to the specific product designated, and does not relate to use of the product in combination with any other material or use of the product in any process. The data is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability for fitness for a particular purpose is made with respect to the product and/or its composition.

APPENDIX A

| Revision Date (dd/mm/yy) | Issued By | Revision History | | Revision No. |
|-----------------------------|---------------------|---|-----------|--------------|
| | | Description | DCN No. | |
| 18/02/2011 | Technical Manager | New Issue | MSDS D001 | 00 |
| 20/05/2013 | Technical Manager | Document review and change of Company logo. | MSDS D001 | 01 |
| 20/02/2017 | Operations Director | Document review and Section 14 revised | MSDS D001 | 02 |
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