

Safety Data Sheet

Kimball Midwest Dielectric Grease

**KIMBALL
MIDWEST**

Specializing in Materials Management

Section 1. Identification

Product Identifier Dielectric Grease
Synonyms 80728
Manufacturer Stock Numbers 80728

Recommended use Refer to Technical Data
Uses advised against Refer to Technical Data

Manufacturer Contact

Address Kimball Midwest
4800 Roberts Road
Columbus, OH 43228
USA

Phone
(800) 233-1294

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
N/A

Section 2. Hazards Identification

Classification N/A
Signal Word
Pictogram
Hazard Statements N/A
Precautionary Statements
Response N/A
Prevention N/A
Storage N/A
Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Section 3. Ingredients

CAS	Ingredient Name	Weight %
112945-52-5	Amorphous fumed silica	5% - 15%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Indication of immediate medical attention and special treatment needed

Notes to physician

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments

No specific treatment.

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Over-exposure signs/symptoms

Eye contact

Adverse symptoms may include the following: pain or irritation, watering, redness

Inhalation

No known significant effects or critical hazards.

Skin contact

Adverse symptoms may include the following: irritation, redness

Ingestion

No known significant effects or critical hazards.

Potential acute health affects

Eye Contact

Causes serious eye irritation.

Inhalation

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin Contact

Causes skin irritation.

Ingestion

Irritating to mouth, throat and stomach.

Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at

	least 20 minutes. Get medical attention.
Ingestion	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact	Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	N/A
Unsuitable Extinguishing Media	N/A
Auto-ignition Temperature	Not determined
Flammability Limits in Air	Not determined
Extinguishing Media	On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.
Special Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire or Explosion Hazards	None known

Section 6. Accidental Release Measures

Steps to be taken in case	Observe all personal protection equipment recommendations in Sections 5
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of spill or release

and 8. Wipe or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Section 7. Handling and Storage

Handling

Use with adequate ventilation. Avoid eye contact.

Storage

Use reasonable care and store away from oxidizing materials. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Amorphous fumed silica	10 mg/m ³	6 mg/m ³	N/A

Personal Protective Equipment

N/A

Component Exposure Limits

There are no components with workplace exposure limits.

Engineering Controls

Local Ventilation: None should be needed
General Ventilation: Recommended

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

Washing at mealtime and end of shift is adequate.

Respiratory Protection

Suitable gloves: Handle in accordance with good industrial hygiene and safety practices.

No respiratory protection should be needed.

Precautionary Measures
Note

Suitable Respirator:

None should be needed.

Avoid eye contact. Use reasonable care.

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Translucent
Odor	Slight, sweet

Odor Threshold	Not available
Solubility	Insoluble in water
Partition coefficient Water/n-octanol	N/A
VOC%	< 1.5%
Viscosity	Not applicable
Specific Gravity	1.03
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>575F
FP Method	N/A
Ph	Not applicable
Melting Point	N/A
Boiling Point	>300C
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not available
Flammability	Not available
Decomposition Temperature	Not available
Auto-ignition Temperature	Not available
Vapor Pressure	< 5mm Hg @ 25C
Vapor Density	> 1

Note

The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

Chemical Stability	Stable
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Hazardous Polymerization	Will not occur
Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Conditions to Avoid	None known
Materials to Avoid / Incompatibility	Oxidizing material can cause a reaction.
Hazardous Decomposition Products	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds Formaldehyde Silicon dioxide

Section 11. Toxicological Information

Special Hazard Information on Components No known applicable information.

Section 12. Ecological Information

Fate and Effects in Waste Water Treatment Plants Complete information is not yet available.

Environmental Effects Complete information is not yet available.

Environmental Fate and Distribution Complete information is not yet available.

Section 13. Disposal

Waste Disposal Method We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

Section 14. Transport Information

UN Number N/A

UN Proper Shipping Name N/A

DOT Classification N/A

Packing Group N/A

Road Shipment Information (DOT) Not subject to DOT regulations.

Ocean Shipment (IMDG) Not subject to IMDG code.

Air Shipment (IATA) Not subject to IATA regulations.

Section 15. Regulatory Information

The contents of this SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA Title III Section 302 Extremely Hazardous Substances None

SARA Titre III Section 304 CERCLA Substances dangereuses None

SARA Title III Section 311/312 Hazard Class	Acute: No Chronic: No Fire: No Pressure: No Reactive: No
SARA Title III Section 313 Toxic Chemicals	None present or none present in regulated quantities.
Note	Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.
California Proposition 65	This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None known
Massachusetts	Silica, amorphous (7631-86-9)
New Jersey	Polydimethylsiloxane (63148-62-9) Silica, amorphous (7631-86-9)
Pennsylvania	Dimethyl siloxane, hydroxy-terminated (70131-67-8) Polydimethylsiloxane (63148-62-9) Silica, amorphous (7631-86-9) Dimethyl siloxane, hydroxy-terminated (70131-67-8)

Section 16. Other Information

Revision Date

6/24/2015

Disclaimer

The data contained herein is based upon information that the manufacturer believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.