



# Safety Data Sheet

## Dynatex® 49594 White Lithium Grease

### Section 1. Identification

Product Identifier            Dynatex® 49594 White Lithium Grease  
Synonyms                     49594WH12  
Manufacturer Stock  
Numbers                       49594WH12

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

Manufacturer Contact  
Address                       Dynatex a division of Soudal Accumatic  
350 Ring Road  
Elizabethtown, KY, 42701  
USA

Phone  
(270) 769-3385

Emergency Phone  
(800) 424-9300  
CHEMTREC

Fax  
(270) 769-6418

### Section 2. Hazards Identification

Classification                SENSITIZATION - SKIN - Category 1  
Signal Word                    Warning  
Pictogram



Hazard Statements            May cause an allergic skin reaction

Precautionary Statements

Response                      If on skin: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.

Prevention	Read label before use. Wash contaminated clothing before reuse. Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
Storage	N/A
Disposal	Dispose of contents/container in accordance with local, state and federal regulations.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Supplemental label elements	DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Please refer to the SDS for additional information. Keep upright in a cool, dry place. Do not discard empty can in trash compactor.
Additional Information	None known

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
57855-77-3	calcium bis(dinonylnaphthalenesulphonate)	0.1% - 1%
1314-13-2	Zinc Oxide	1% - 5%

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

### Section 4. First-Aid Measures

Eye Contact	Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.
Skin Contact	Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation develops.
Inhalation	If affected, remove from exposure. Restore breathing. Keep warm and quiet.
Ingestion	DO NOT INDUCE VOMITING. Seek immediate medical attention.

### Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinguishing Media	None known

**Unusual Fire or Explosion Hazards** Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**Special Fire Fighting Procedures** Full protective equipment including self-contained breathing apparatus should be use. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to keep cool closed containers to prevent build-up and possible auto-ignition or explosion when exposed to extreme heat.. Use proper equipment to protect personnel form bursting containers.

## Section 6. Accidental Release Measures

**Steps to be taken in case of spill or release** Avoid breathing vapors. Ventilate area. Remove all ignition sources of ignition. Clean up area absorbent material and place in closed containers for disposal.

Dispose of in accordance with local, state and federal regulations.

Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

## Section 7. Handling and Storage

**Handling** Keep area well ventilated during use and until all vapors are gone. Do not smoke. Extinguish all flames, pilot lights and heaters. Turn off all stoves, electric tools, appliances and any other sources of ignition. Keep away from heat, sparks and open flame. Vapors will accumulate readily and may ignite explosively.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents are under pressure. Do not puncture, incinerate or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water or other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

**Important** Extremely flammable. Contents under pressure. Do not smoke while using or use near open flame. Container may explode if heated in any manner. Protect from sunlight and do not expose to temperatures exceeding 122F/50C (ex: electric lights). Do not pierce or burn container, even after use. Do not spray on a naked flame and any incandescent material. **DO NOT SMOKE WHILE USING THIS PRODUCT.**

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	calcium bis(dinonylnaphthalenesulphonate)	N/A	N/A	N/A
	Zinc Oxide	2 mg/m3 dust	5 mg/m3 dust	10 mg/m3

Personal Protective Equipment	N/A
Ventilation	Local exhaust preferable. General exhaust acceptable if exposure is below applicable exposure limits.
Respiratory Protection	If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.
Eye Protection	Wear tightly sealed goggles with unperforated side shields.
Skin Protection	None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.
Other Precautions	Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.
Precautionary Measures	Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present as hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are:  
ACGIH TLV 10 mg/m<sup>3</sup> (total dust) 3 mg/m<sup>3</sup> (respirable fraction)  
OSHA PEL 15 mg/m<sup>3</sup> (total dust) 5 mg/m<sup>3</sup> (respirable fraction)

<b>Section 9. Physical and Chemical Properties</b>
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Physical State	N/A
Color	White
Odor	Mild, petroleum
Odor Threshold	N/A
Solubility	Not applicable
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.9
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	435F
FP Method	COC
Ph	N/A
Melting Point	345F
Boiling Point	N/A
Boiling Range	N/A
LEL	7
UEL	9

Evaporation Rate	< 0.01
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	< 0.01 mm Hg

**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  
 Conditions to Avoid None known  
 Hazardous Decomposition Products Carbon monoxide, carbon dioxide  
 Hazardous polymerization Will not occur

## Section 11. Toxicological Information

**Carcinogenicity** No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.  
**Component Toxicology Information** Some animal studies with poor controls have indicated that Bitumens (asphalt) cause tumors, however, there is inadequate evidence that bitumens alone are carcinogenic to humans.

Prolonged overexposure to solvent ingredients may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**NIOSH - Selected LD50s and LC50s**

Propane (74-98-6)  
 LC50 Rat 4 hour Not Available  
 LD50 Rat 4 hour Not Available

Butane (106-97-8)  
 LC50 Rat 4 hour Not Available  
 LD50 Rat 4 hour Not Available

Mineral Spirits (64742-88-7)  
 LC50 Rat 4 hour Not Available  
 LD50 Rat 4 hour Not Available

Toluene (108-88-3)  
 LC50 Rat 4 hour 4000 ppm  
 LD50 Rat 4 hour 500 mg/kg

Asphalt (Petroleum) (8052-42-4)  
 LC50 Rat 4 hour Not Available  
 LD50 Rat 4 hour Not Available

Calcium Carbonate (471-34-1)  
LC50 Rat 4 hour Not Available  
LD50 Rat 4 hour Not Available

Chronic Hazards

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

## 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 Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA). Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and local regulations regarding pollution.

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.

## Section 14. Transport Information

UN Number N/A  
UN Proper Shipping Name N/A  
DOT Classification N/A  
Packing Group N/A  
Special precautions for user Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

## Section 15. Regulatory Information

TSCA Status All chemical substances found in this product comply with the Toxic

	Substances Control Act inventory reporting requirements.
SARA Title III Section 302 Extremely Hazardous Substances	None
SARA Title III Section 304 CERCLA Hazardous Substances	Toluene (108-88-3)
SARA Title III Section 313 Toxic Chemicals	Toluene (108-88-3)
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: Toluene (108-88-3) Teratogen
New Jersey	Asphalt (Petroleum) (8052-42-4) Butane (106-97-8) Propane (74-98-6) Toluene (108-88-3)
Pennsylvania	Asphalt (Petroleum) (8052-42-4) Butane (106-97-8) Propane (74-98-6) Toluene (108-88-3)

## Section 16. Other Information

Revision Date

12/21/2015

Disclaimer

The data contained herein is based upon information that Soudal Accumetric 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.