



HAZARD COMMUNICATION SAFETY DATA SHEET

Doc: 2016-12-08.001

1. Identification

Product Name: Pyrosil™ Tape
Synonyms or Product Family:
CAS Number: DBP50 Polyorganosiloxane Mixture 133-14-2 (2,4 Dichloro)
K71253G Iron Oxide 1309-37-1
Recommended use: Self-bonding, self-curing, liquid-tight insulation barrier
Restriction on use: None known
Manufacturer/ Supplier: **ADL Insulflex, Inc.**
A member of the ADL Group.
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2. Hazards Identification

OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture: Not classified

GHS Label Elements:

Signal Word: No signal word

Hazard statements: No known significant effects or critical hazards.

Precautionary statements:

Prevention: Not Applicable

Response: Not Applicable

Storage: Not Applicable

Disposal: Not Applicable

Supplemental label elements: Emits toxic fumes when heated.

Hazards not otherwise classified: None Known

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
DBP50 Polyorganosiloxane Mixture	133-14-2 (2,4 Dichloro)	<1.0
K71253G Iron Oxide**	1309-37-1	<1.0 Dust hazard

****This material is encapsulated in a polymeric binder, which eliminates airborne exposure to the dust hazard. ALL OTHER INGREDIENTS ARE NON HAZARDOUS & NOT SUBJECT TO WHMIS REGULATIONS.**

Component Related Regulatory Information
Component Information/Information on Non-Hazardous Components

No additional information available.

4. First Aid Measures

Primary Route of Exposure:
Inhalation

Inhalation, skin, eye
Inhalation of airborne contaminates generated during heat cure or combustion should be avoided

Skin Contact

None known

Eye Contact

None known

Ingestion:

None known

Description of necessary first aid measures:
Eye:

Flush for 15 minutes with copious amounts of lukewarm water. Seek medical attention if irritation persists.

Skin:

Wash thoroughly with warm water and non-abrasive soap.

Inhalation:

Remove person to fresh air and seek medical attention.

Ingestion:

Due to the physical state of this material, ingestion is unlikely to occur.

5. Fire Fighting Measures

Suitable Extinguishing Media:

Water-spray, dry chemical, alcohol-resistant foam, carbon dioxide, sand.

Fire Fighting Procedures:

Fire fighters should wear full protective clothing including a self-contained breathing apparatus. Cool endangered containers with water.

Unusual Fire and Explosion Hazards:

This material does not present any unusual fire or explosion hazards.

Hazardous thermal decomposition products:

Carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide and incompletely burnt hydrocarbons.

Special Protective Equipment and Precautions for Fire Fighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk without suitable training.

6. Accidental Release Measures

Scrape up and place in an inert material for disposal. *See Section 8 for protective equipment upon exposure and Section 7 for information on safe handling.*

7. Handling and Storage

Precautions for handling and storage:

Normal warehouse conditions.

8. Exposure Controls / Personal Protection

Engineering controls:

None known

Personal Protective Equipment (PPE):

Any liquid-tight rubber or vinyl gloves.

Eye and Skin protection:

Safety glasses or normal departmental safety requirements.

Respiratory protection:

Respiratory protection is not normally required.

Ventilation:

Not normally required. Local ventilation is recommended for high temperature processes.

9. Physical and Chemical Properties

Physical State:	Solid
Colour:	Iron-oxide Red
Odour:	None
Odour Threshold:	Not Applicable
pH-value:	Not Applicable
Melting Point:	Not Applicable
Freezing Point:	Not Applicable
Initial Boiling Point/ Boiling Range:	Not Applicable
Flash Point (Uncured):	200°C (392°F)
Evaporation Rate:	Not Applicable
Flammability (Solid, Gas):	Not Applicable
Explosion Limits:	Not Applicable
Vapour Pressure:	Not Applicable
Vapour Density:	Not Applicable
Relative Density:	approx. 1.005 g/cm ³ at 25°C (77°F)
Solubility:	Virtually Insoluble
Partition Coefficient:	Not Applicable
Auto-Ignition Temperature (Uncured):	400°C (752°F)
Thermal Decomposition Temperature:	>250°C (>482°F)
Dynamic Viscosity:	1500000 mPa*s

10. Stability and Reactivity

Reactivity:	Not Applicable
Chemical Stability:	This is a stable material.
Possibility of Hazardous Reactions:	None Known
Conditions to Avoid:	None Known
Incompatible Materials:	None Known
Hazardous Decomposition Products:	If stored and handled in accordance with standard industrial practices and local regulations where applicable: non known. Measurements have shown the formation of small amounts of formaldehyde at temperatures above 150°C (302°F) through oxidation. Carbon dioxide; carbon monoxide; silicone dioxide.

11. Toxicological Information

Signs and Symptoms of Overexposure:	Material is considered inert.
Acute Effects:	See Section 4
Eye Contact:	See Section 4
Skin Contact:	See Section 4
Inhalation:	See Section 4
Ingestion:	See Section 4
Chronic Effects and Carcinogenicity:	None Known
General Product Information	Toxicological testing has not been conducted with this material.
Medical Conditions Aggravated by Exposure:	None Known
Acute Toxicity Values:	None Known

12. Ecological Information

Biologically not degradable.
No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

13. Disposal Considerations

Disposal method: Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations.

14. Transport Information

UN Number:	None
UN Proper Shipping Name:	None
Transport Hazard Class(es):	None
Packing Group:	None
Environmental Hazards:	None
Transport in Bulk, if Applicable:	None
Special Precautions:	None

15. Regulatory Information

Safety, health and environmental regulations specific to the product:

HMIS (scale 0-4):		
Health = 1	Flammability = 2	Reactivity = 1
WHMIS Hazard Class:	Not known	
Harmonized Code:	3920.99.20.00	

16. Other

Users are advised to ensure that this information is brought to the attention of their employees handling the product. The information given herein is believed to be reliable. However, ADL Insulflex, Inc. makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. ADL Insulflex, Inc.'s obligations shall be only as set forth in ADL Insulflex, Inc.'s standard terms and conditions of sale for this product. In no case will ADL Insulflex, Inc. be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product.

Users of ADL Insulflex, Inc. products should make their own evaluation to determine the suitability of each such product for the specific application and to establish safe handling and installation procedures.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute of Occupational Safety and Health
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
IDHL	Immediately Dangerous to Life or Health

SDS preparation date:	December 15, 2016
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