

SDS Sheet**Product Name: db Skin™****Section 1: Product & Company Information****Product Name: db Skin™****Recommended use of the chemical and restrictions on use:****Recommended use:** Sound Insulation and Corrosion Preventive Compound (water-based)**Restrictions on use:** Uses other than those described above**Manufacturer Information:**

Heatshield Products, Inc.

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Section 2: Hazards Identification**Classification of the chemical in accordance with paragraph (d) of §1910.1200:****GHS Classification:** Not classified as hazardous in accordance with paragraph (d) of §1910.1200**Hazard Statements:** Not hazardous under OSHA regulations.**Unclassified Hazards (HNOC):** "DO NOT FREEZE"**Hazards not otherwise classified:** No data available**Section 3: Composition/Ingredient Information**

CAS#	Component/Ingredient	Percent by Weight
No Hazardous Ingredients		

See Section 8 of this MSDS for exposure limit data for these ingredients

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First Aid Measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation:	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
Eye Contact:	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

Most important symptoms/effects, acute and delayed:

See Section 11

Indication of immediate medical attention and special treatment needed, if necessary:

Consult a physician. Treat symptomatically.

Section 5: Fire Fighting Measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Water-based. Not combustible as supplied. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: No data available

Specific hazards arising from the chemical: Water-based. Material will not ignite or burn as supplied.

Hazardous combustion products: Hydrocarbons, Oxides of carbon

Special protective equipment and precautions for fire-fighters:

Will not burn. No Special Instructions available.

Section 6: Actions on Inadvertent Release

Personal precautions, protective equipment and emergency procedures:

No health effects expected from the clean-up of this material, if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this SDS

Methods and materials for containment and cleaning up:

Collect and discard in accordance with local, state and national regulations.



Section 7: Handling and Storage

Precautions for safe handling:

Mildly irritating material. Avoid unnecessary exposure. Remove contaminated clothing and wash before reuse. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Safe storage conditions:

Store in a cool dry place. Isolate from incompatible materials. Keep container closed when not in use. Keep from freezing.

Materials to Avoid/Chemical Incompatibility:

Strong acids, Strong oxidizing agents

Section 8: Exposure Controls/ Personal Protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
No data available				

Appropriate engineering controls: Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels.

Eye protection:

Wear safety glasses when handling this product.

Skin protection:

Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves:

Chemically resistant gloves

Other protective equipment:

Wear safety glasses when handling this product.

Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

General hygiene conditions:

Do not use pressure to empty container. Do not enter storage area unless adequately ventilated Use non-sparking tools when opening or closing containers. Use spark-proof tools and explosion-proof equipment.

Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Use with adequate ventilation Remove contaminated clothing and wash before reuse. Avoid breathing material. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area.

Section 9: Physical and Chemical Properties

Appearance (physical state, color etc.):

Physical state:	Viscous Liquid
Color:	Black
Odor:	Amine Type Slight
Odor Threshold:	No data available
pH:	9 - 11

Melting point/freezing point (°C):

Melting Point (°C):	No data available
Freezing point (°C):	No data available

Initial boiling point and boiling range (°C):

No data available

Flash Point:

Not measurable (water-based, >200°F)

Evaporation Rate:

=1 (n - Butyl Acetate =1)

Flammability (solid, gas):

No data available

Upper/lower flammability or explosive limits:

Upper flammability or explosive limits:	No data available
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Lower flammability or explosive limits:	No data available
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Vapor pressure:	No data available
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Vapor density:	>1 (Air=1)
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Relative density:	1.26
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Solubility(ies):	Complete; 100%
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Partition coefficient: n - octanol/water:	No data available
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Auto - ignition temperature (° C):	No data available
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Decomposition Temperature (°C):	No data available
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Viscosity:	9000 cP
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Volatiles, % by weight:	55
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VOC, Material, lb/gal	0.1
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VOC, Material, grams/liter	12.0
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VOC minus exempt solvents & water, g/l	17.97
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Section 10: Chemical Stability & Reactivity Information

Reactivity:	Not expected to be reactive
Chemical stability:	Hazardous polymerization will not occur.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid (e.g., static discharge, shock, or vibration):
Freezing temperatures (will cause permanent damage). Elevated temperatures. Contamination.

Incompatible materials:	Strong acids, Strong oxidizing agents
Hazardous decomposition products:	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

Section 11: Toxicological Information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):
Eye contact, Skin contact, Inhalation

Symptoms related to the physical, chemical and toxicological characteristics:
No data available

Delayed and immediate effects and also chronic effects from short - and long - term exposure: Ingestion

Toxicity: No data available

Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.

Inhalation Toxicity: Non - Toxic. Not known to cause systemic damage.

Eye Contact: Can cause minor irritation, tearing and reddening. Lachrymator.

Sensitization: None known

Mutagenicity: No data

Reproductive and Developmental Toxicity:

No data available

Carcinogenicity:

Carbon black has been classified by IARC as a Category 2B (known animal carcinogen, possible human carcinogen) material. This was based on the results of rat inhalation studies of carbon black, despite the lack of parallel evidence on humans or other animal species. Carbon Black in a coating product, either in wet or dry form, is encapsulated and unlikely to be present in small enough particles to present an inhalation risk. Normal precautions should be taken if the dry coating is to be severely abraded by sanding or sandblasting. Crystalline Silica: This product contains mined materials which generally contain small amounts of crystalline silica (CAS# 14808 - 60 - 7, quartz sand) above 0.1% as a naturally occurring impurity. IARC Monographs on the evaluations of the carcinogenic Risk of Chemicals to Humans (Volume 42, 1987) concludes that there is "limited evidence" of the carcinogenicity of crystalline silica to humans. IARC classification 2A. Crystalline silica in a coating product, either in wet or dry form, is encapsulated and unlikely to be present in small enough particles to present an inhalation risk.

Normal dust precautions should be taken if the dry coating is to be severely abraded by sanding or sandblasting.

STOT - single exposure: Based on available data, the classification criteria are not met.

STOT - repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.



Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available			

Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has it been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA?:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
Quartz	N	Y	N
Carbon black	N	Y	N

Section 12: Ecological Information

Ecotoxicity (aquatic and terrestrial, where available):

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic C50 Crustacea	Aquatic RC50 Algae	Aquatic LC50 Fish
No data available				

Persistence and degradability:

No data

Bioaccumulative potential:

No data available

Mobility in soil:

No data available

Other adverse effects (such as hazardous to the ozone layer):

No data available

Section 13: Disposal Considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

Spent or discarded material is non - hazardous according to environmental regulations.

Dispose of in accordance with Local and National regulations.

Waste codes / waste designations: **Not applicable**

Section 14: Transportation Information

Domestic Ground in containers <= 119 GL

Coating, water-based/Non-Hazardous

Domestic Ground in containers > 119 GL

Coating, water-based/Non-Hazardous

Shipping name for Export, Air (IATA):

Coating, water-based/Non-Hazardous

Shipping name for Export, Sea (IMDG)

Coating, water-based/Non-Hazardous

Marine Pollutant?

No



Section 15: Regulatory Information

Status of formula components on selected national regulatory inventories:

LIST	STATU
TSCA	All components in this product are on the TSCA Inventory or
Canadian DSL	All chemical substances in this material are included on or exempted from listing on the Canadian DSL.

Chemical Name	CAS #	Regulation	Percent
Crystalline silica	14808-60-7	Prop. 65 - Cancer	0.1 - 1
Carbon black	1333-86-4	Prop. 65 - Cancer	0.1 - 1
Dibromoacetonitrile	3252-43-5	Prop. 65 - Cancer	TRACE
Contains no components from California Prop. 65 - Developmental/Reproductive list		Prop. 65 - Developmental and/or Reproductive	
Ammonium Hydroxide	1336-21-6	CERCLA	<0.1 RQ = 1000 lbs.
Sodium nitrite	7632-00-0	CERCLA	<0.1 RQ = 100 lbs
Ammonium Hydroxide	1336-21-6	SARA 313	<0.1
Sodium nitrite	7632-00-0	SARA 313	<0.1
2,2-Dibromo-2-cyanoacetamide	10222-01-2	SARA 313	<0.1
No SARA 302 EHS-listed chemicals in this product.		SARA EHS	

Section 16: Other Information

Disclaimer:

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.

