

Date of Preparation: 02/04/05

Section 1 - Chemical Product and Company Identification

Product Name: DSB 800 Non Sag Silicone Joint Sealant, DSB 900 SL
Chemical Name: RTV Dimethylpolysiloxane
Chemical Formula: Mixture
CAS Number: Mixture

EMERGENCY TELEPHONE NUMBERS: 1(419) 257-3561 Normal Business Hours
 Chemtrec 1(800) 424-9300 After Business Hours

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt.
Silicone Rubber Base	70131-67-8	10-60%
Dimethylpoyisiloxane	63148-62-9	10-30%
Methyl Oximino Silane	22984-54-9	0-5%
Tetra Oximino Silane	34206-40-1	0-5%
Toluene	108-88-3	0-5%
Methyltris(cyclohexyl)aminosilane	15901-40-3	0-1%
Amorphous Silicon Dioxide	112945-52-5	0-5%
Mineral Filler	1317-65-3	20-60%

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Silicone Rubber	N.E.	N.E.	N.E.	N.E.	5 mg/m3.	N.E.	N.E.
Dimethylpoly...	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
M.O.S.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
T.O.S.	N.E.	N.E.	N.,E.	N.E.	N.E.	N.E.	N.E.
Toluene	200 ppm	N.E.	50 ppm	N.E.	N.E.	N.E.	N.E.
Methyltris...	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
Amorphous Silica	N.E.	N.E.	10 mg/m3	N.E.	N.E.	N.E.	N.E.
Mineral Filler	5 mg/m3	N.E.	5 mg/m3	N.E.	N.E.	N.E.	N.E.
N.E.- none established					.		

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Potential Health Effects

Primary Entry Routes: Inhalation, Skin, Eyes

Inhalation: Inhalation of mists, vapors or fumes may cause headache, nausea, and dizziness. Prolonged exposure to may produce respiratory irritation. Vapors from decomposition may produce reversible narcotic effect. Overexposure may cause coma and respiratory failure.

Eyes: Exposure to mists, vapors or fumes may cause irritation. Direct contact may cause burns if not promptly treated.

Skin: Direct contact may cause skin irritation. Material maybe absorbed through the skin leading to effects similar to ingestion and inhalation. Prolonged exposure may cause dermatitis, drying or irritation.

HMIS	
H	2
F	1
R	0
PPE [†]	
†Sec. 8	

DSB 800 Non Sag Silicone Joint Sealant, DSB 900 SL

Ingestion: None expected. Low to moderate oral toxicity. Ingestion may produce blood effects, reducing the body's ability to transport oxygen (methemoglobinemia and anemia). Reversible narcotic effects may occur.

Carcinogenicity: None of the ingredients are found on the OSHA designated carcinogens lists.

Medical Conditions Aggravated by Long-Term Exposure: Respiratory irritation and dermatitis.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Apply artificial respiration if necessary. Seek medical attention.

Eye Contact: Flush thoroughly with water. Seek medical attention if irritation develops and persists

Skin Contact: Wash affected areas with soap and water for several minutes. Seek medical attention if irritation develops and persists.

Ingestion: Do not induce vomiting. Seek medical attention.

Section 5 - Fire-Fighting Measures

FlashPoint: >200F minimum

Autoignition Temperature: >700F

Lower Explosive Level (LEL): N/A

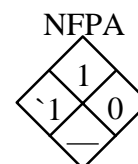
Upper Explosive Limit (UEL): N/A

Flammability Classification: Class III B Combustible

Extinguishing Media: Dry chemical, Carbon Dioxide,

Unusual Fire or Explosion Hazards: Thermal decomposition would be expected to produce methyl ethyl ketone (MEK), Silicon Dioxide, Nitrous Oxide, Carbon Monoxide, and Carbon Dioxide.

Fire-Fighting Instructions and Equipment: Use of water spray on small fires is acceptable. Use air supplied breathing apparatus in enclosed areas where heavy smoke may occur.



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Stop spill at source. Shut off sources of ignition. Confine spill by diking or impoundment. Clean up spill but do not flush to sewer or surface water. Ventilate area and avoid breathing mists, vapors or fumes. Notify local health and pollution control agencies as appropriate. Follow applicable OSHA regulations (29 CFR 1910.120). For disposal follow all federal, state and local regulations regarding solid waste.

Section 7 - Handling and Storage

Handling and Storage Precautions: Ground lines and equipment used during transfer to reduce the possibility of static, spark initiated fire or explosion. Use non-sparking tools. Do not cut, grind, drill or weld unless adequate precautions are taken.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use engineering controls to reduce air contamination to permissible exposure limits and/or threshold limit values (Section 2).

Eye / Face Protection: When handling wear safety glasses or goggles.

Skin Protection: Use gloves that protect against chemical burns when handling material. At a minimum wear long sleeved cotton shirt buttoned at the collar and full length cotton pants.

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH approved respirator.

Section 9 - Physical and Chemical Properties

Physical State Viscous paste
Appearance: Gray
Odor: Slight solvent odor
Odor Threshold: Not determined
Vapor Pressure: Not determined
Vapor Density (Air=1): >1
Specific Gravity (H₂O=1): 1.0-1.5

Water Solubility: Insoluble
Boiling Point: >150F
Melting Point: Not determined
% Volatile: <5%
Evaporation Rate: Not determined
pH: Not determined

Section 10 - Stability and Reactivity

Stability: Stable under normal conditions. Do not expose to moisture, acid, oxidizers and metals such as iron.

Chemical Incompatibilities: Calcium Carbonate will react with acids.

Conditions to Avoid (Stability): Do not heat above 140F

Hazardous Decomposition Products: See Section 5

Section 11- Toxicological Information

Carcinogenicity: Not listed

Component: Methyl Ethyl Ketoxime

Toxic dose- LD 50: 2-3 mg/kg (oral rat)

Delayed (Subchronic and Chronic) Effects: In a subchronic oral toxicity animal study, methyl ethyl ketoxime produced an adverse effect upon red blood cells (anemia). This was found for all dose levels tested. In an acute dermal animal study, 200 mg/kg caused mild hematologic (blood) effects. No effects were seen at 20 mg/kg. Liver carcinomas were observed in a lifetime inhalation study in which mice and rats were exposed to MEKO 6 hrs/day, 5 days/week for 18 months and 26 months respectively. MEKO is not considered mutagenic based on several in vitro and in vivo studies.

Section 12 - Ecological Information

Ecotoxicity: Material will react with water, releasing MEKO which has been determined to be biodegradable and has a static 96 hour LC50 of 48 mg/l (bluegill) and a 48 hour EC50 of 750 mg/l (daphnia).

Environmental Transport: No Data

Environmental Degradation: No Data

Soil Absorption: No Data

Section 13 - Disposal Considerations

This product, as supplied, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261). Under the Resource Conservation and Recovery Act, it is the responsibility of the user to determine, at the time of disposal, whether the material is a hazardous waste subject to RCRA.

The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Disposal can occur only in properly permitted facilities. Check state and local regulations for any additional requirements, as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Disposal of this material must be conducted in compliance with all federal, state and local regulations.

Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity or other sources of ignition. They may explode and cause injury or death. Recommend using a non-hazardous solvent to remove the product. Follow Federal, state and local regulations for the disposal of the waste material, regardless of its' waste classification.

Section 14 - Transport Information

D.O.T. Hazard Class: Not regulated

D.O.T. I.D. Number: Not regulated

Section 15 - Regulatory Information

U.S. Federal Regulatory Information:

RCRA Hazardous Waste Number: Not listed

RCRA Hazardous Waste Classification (40 CFR 261): This material should not be hazardous due to characteristics

CERCLA: Not listed

CERCLA Reportable Quantity (RQ): This material in its solid form is not a hazardous substance and does not have a reportable quantity. However, if spilled in liquid form into the waters of the U.S., it may be reportable under the Clean Water Act.

SARA 311 Categories:	Immediate (Acute) Health Effects	Yes
	Delayed (Chronic) Health Effects	Yes
	Fire Hazard	No
	Sudden Release of Pressure Hazard	No
	Reactivity Hazard	No

EPA/TSCA Inventory: This product or its components are listed in or exempt from the TSCA inventory requirements.

State Regulations: The following chemicals are specifically listed by individual states, for details on each states regulatory requirements you should contact the appropriate agency in that state.

Pennsylvania Right-to-Know-Limestone (calcium carbonate), Toluene (vapors)

Rhode Island Hazardous Substances List-Limestone (calcium carbonate). Toluene (vapors)

Florida Hazardous Substance List-Amorphous silica

Minnesota Right-to-know-Limestone (calcium carbonate), Amorphous silica

Massachusetts Right-to-Know-Limestone (calcium carbonate), Amorphous silica, Toluene (vapors)

New Jersey Right-to-Know-Amorphous silica, Toluene (vapors)

Texas Air Contaminants With Health Effects Screening Level

Illinois Toxic Substance Disclosure to Employees List

California State Superfund Hazardous Substance

California Proposition 65 Carcinogens or Reproductive Toxins List: This product contains a chemical known to the Sate of California to cause cancer, birth defects, or other reproductive harm.

Other Regulations: None known

Foreign Inventories: Canadian WHMIS

Section 16 - Other Information

NFPA Hazard Rating	- Health	1 Slight
	- Fire	1 Slight
	- Reactivity	0 Least

_*

Prepared By: Chris Youngless **Phone:** 419-257-3561

Preparation Date: 02/04/05

Supersedes MSDS Dated: 01/30/01

Disclaimer: DS BROWN PROVIDES THIS INFORMATION FOR THE USER'S CONSIDERATION. DS BROWN BELIEVES THE INFORMATION IS ACCURATE, BUT NOT AL INCLUSIVE, IN ALL CIRCUMSTANCES. USER SHOULD ENSURE THAT USER HAS CURRENT DATA RELEVANT FOR ITS' PUPOSES. NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, FITNESS OR OTHERWISE IS GIVEN.