

1. CHEMICAL AND COMPANY IDENTIFICATION**Product Identifier:** DERMAGEL**General Use:** Body casting impression material;
Professional/Industrial use**Company:** Douglas and Sturges, inc.
1023 Factory Street, Richmond, Ca, 94801**Phone Number:** 510-235-8411**Emergency Phone:** CHEMTREC 1-(800)-424-9300**2. HAZARDS IDENTIFICATION****GHS LABEL ELEMENTS:****PICTOGRAM:****SIGNAL WORD:** Danger**HAZARD STATEMENTS:** Causes damage to lungs through prolonged exposure by inhalation.**PRECAUTIONARY STATEMENTS:** Do not breathe dust. In case of inadequate ventilation, wear respiratory protection. Dispose of contents in accordance with local regulations.

This product contains crystalline silica (cs), which is considered a hazard by inhalation. Iarc has classified inhalation of cs as a carcinogen for humans (group 1). Cs is listed by NTP as a known human carcinogen. Inhalation of cs is also a known cause of silicosis, a non-cancerous lung disease.

3. COMPOSITION / INFORMATION ON INGREDIENTS**SUBSTANCE/MIXTURE:** Mixture

Ingredient name	CAS #	%	PEL and TLV (except as noted)
Flux Calcined Diatomaceous Earth (De)	68855-54-9	77	
This product may contain up to 56% crystalline silica:			
Cristobalite	14464-46-1	< 54	.025mg/M ₃ Respirable Cristobalite, ACGIH
Quartz	14808-60-7	< 2	.025mg/M ₃ Respirable Cristobalite, ACGIH

There are no additional ingredients present that, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES**GENERAL INFORMATION:** Get medical attention if irritation or other symptoms occur. Remove contaminated shoes and clothing before seeking medical attention.**INHALATION:** Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust.**SKIN CONTACT:** In case of skin contact, wash thoroughly with soap and water.**EYE CONTACT:** Flush eyes with large quantities of water. If irritation persists, consult a physician.**INGESTION:** Rinse mouth thoroughly. Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.**Notes to Physician:**

Hazards: No specific recommendations

Treatment: No specific recommendations

5. FIRE-FIGHTING MEASURES**FLAMMABLE CLASSIFICATION:** Non-Flammable.**EXTINGUISHING MEDIA:** Not Applicable.**UNSUITABLE EXTINGUISHING MEDIA:** None known.**UNUSUAL FIRE & EXPLOSION HAZARDS:** Material does not present any unusual fire or explosion hazards.**SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIREFIGHTERS:** None.**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Wear appropriate protective clothing, gloves and safety glasses to prevent eye and skin contact.**CONTAINMENT:** Contain spill and prevent/minimize release to the environment.**METHODS FOR CLEAN UP:** Vacuum clean dust with equipment fitted with hepa filter. Use a dust suppressant such as water if sweeping is necessary.**7. HANDLING AND STORAGE****HANDLING:** Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Seal broken bags and containers immediately. Continue to follow all sds/ label warning when handling empty containers.**STORAGE:** Store in original, tightly closed containers in a cool, dry place.**8. EXPOSURE CONTROL / PERSONAL PROTECTION****Engineering Controls****VENTILATION:** Use with adequate ventilation**LOCAL EXHAUST:** Use sufficient natural or mechanical ventilation to keep dust level below PEL.**OCCUPATIONAL EXPOSURE LIMITS:** None known.**Personal Protection Equipment (PPE)****RESPIRATORY PROTECTION:** <10x PEL, use an N95 quarter or half mask respirator; <50x PEL, use a full face respirator equipped with N95 filters; <200x PEL, use a powered air purifying respirator (positive pressure) with N95 filters; >200x PEL, use a full face, type c supplied air respirator (continuous flow mode).**HAND PROTECTION:** Not normally required.**EYE PROTECTION:** Wear safety glasses with side shields.**PROTECTIVE CLOTHING OR EQUIPMENT:** Not normally required.**OTHER PROTECTIVE MEASURES:** Ensure proper respiratory protection.**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:** Light blue powder**Odor:** Odorless**Odor Threshold:** No data available**pH:** No data available**Melting Point:** No data available**Freezing Point:** No data available**Boiling Point:** Not applicable**Flash Point:** Not applicable**Evaporation Rate:** No data available**Flammability Limits:** No data available**Flammability Limit—Upper (% by Volume):** Not applicable**Flammability Limit—Lower (% by Volume):** Not applicable**Vapor Pressure:** Not applicable**Vapor Density:** Not applicable**Relative Density:** No data available**Solubility in Water:** Soluble**Solubility in Solvent:** No data available**Partition Coefficient: n-octanol/water:** No data available**Auto-ignition Temperature:** No data available**Decomposition Temperature:** No data available**Viscosity:** No data available

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable
REACTIVITY: Not normally reactive
POSSIBILITY OF HAZARDOUS REACTION: Will not occur
CONDITIONS TO AVOID: None known
INCOMPATIBLE MATERIALS: Hydrofluoric Acid.
HAZARDOUS DECOMPOSITION PRODUCTS: None known under normal storage and handling conditions.

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.

Date Prepared/Revised: August 6, 2015

11. TOXICOLOGICAL INFORMATION

SUMMARY: This product contains crystalline silica (cs), which is considered a hazard by inhalation. IARC has classified cs as carcinogenic for humans (group 1). CS is listed by NTP as a known human carcinogen. CS is also a known cause of silicosis, a noncancerous lung disease.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not expected to have damaging effects to aquatic organisms.
BIODEGRADATION: No Data.
BIOACCUMULATION: No Data.
MOBILITY IN SOIL: No Data.
OTHER ADVERSE EFFECTS: None known

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations and product characteristics at time of disposal. Containers can be reused or recycled.

14. TRANSPORT INFORMATION

Not regulated for transport in any mode.

15. REGULATORY INFORMATION

RCRA: This material is not defined as hazardous waste per 40 cfr 261.
TSCA: This material is listed in the tscA inventory, and is not otherwise regulated by tscA sec. 4, 5, 6, 7 or 12.
CERCLA: Material is not reportable under CERCLA, local requirements may vary.
SARA: 311/312 hazard categories -immediate and delayed health, 313 reportable ingredients - none.
CANADA: This product is listed on the dsl.
CALIFORNIA PROPOSITION 65: This product contains chemicals known to the state of California to cause cancer.
EU (REGULATION (EC) N° 1272/2008): This material is labeled and supported accordingly with GHS standards.
EUROPEAN INVENTORY OF EXISTING CHEMICALS (EINECS): All of the components of this product are included on EINECS.

16. OTHER INFORMATION

Training Advice: Train personnel using this product in proper chemical handling, engineering controls and protective equipment.

Storage Segregation Hazard Classes: NA

Special Handling/Storage: Repair all broken bags or containers immediately.

Special Workplace Engineering Controls: Adequate ventilation to keep dust level below PEL.

Recommended Uses and Restrictions: This product is intended for industrial/professional use only.

SDS Revision Notes: Updated October 1, 2015

Disclaimer: This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are