

1. CHEMICAL AND COMPANY IDENTIFICATION**Product Identifier:** Flex Glue**General Use:** Water based emulsion polymer for use as a coating and adhesive medium.**Company:** Douglas and Sturgess, inc.
1023 Factory Street, Richmond, Ca, 94801**Phone Number:** 510-235-8411**Emergency Phone:** CHEMTREC 1-(800)-424-9300**2. HAZARDS IDENTIFICATION****HAZARD CLASSIFICATION:** NON HAZARDOUS**LABEL ELEMENTS:** None required.**SUPPLEMENTAL INFORMATION:**Hazards not otherwise classified (HNOC). Other Information:

Unknown Acute Toxicity: 63.45483% of the mixture consists of ingredient(s) of unknown toxicity.

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

*The exact percentage (concentration) of composition has been withheld as a trade secret

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.**SKIN CONTACT:** In case of skin contact, wash thoroughly with soap and water. Wash contaminated clothing before reuse.**EYE CONTACT:** Rinse thoroughly with water for at least 15 minutes, holding eyelids open to be sure material is washed out. Get medical attention if irritation develops and persists.**INGESTION:** Clean mouth with water and afterwards drink plenty of water.**Notes to Physician:**

Hazards: No specific recommendations

Treatment: No specific recommendations

5. FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO₂, alcohol-resistant foam or water spray.**UNSUITABLE EXTINGUISHING MEDIA:** None.**UNUSUAL FIRE & EXPLOSION HAZARDS:** Material does not present any unusual fire or explosion hazards.**SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR****FIREFIGHTERS:** Wear approved positive pressure, self-contained breathing apparatus (SCUBA) and full body protective clothing.**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Ensure adequate ventilation, especially in confined areas.**CONTAINMENT:** Prevent further leakage or spillage if safe to do so. Dike far ahead of spill; use dry sand to contain the flow of material.**METHODS FOR CLEAN UP:** Scrape up or cover with an inert absorbent material and collect into an appropriate container for disposal. Clean any slippery surface using a detergent/soap solution or another biodegradable cleaner.**7. HANDLING AND STORAGE****HANDLING:** Handle in accordance with good industrial hygiene and safety practice.**STORAGE:** Store in original, tightly closed containers in a cool, dry place.**INCOMPATIBLE MATERIALS:** None known based on information supplied.**8. EXPOSURE CONTROL / PERSONAL PROTECTION****EXPOSURE GUIDELINES:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.**Engineering Controls****VENTILATION:** Use with adequate ventilation**LOCAL EXHAUST:** Not necessary under normal conditions of use.**OCCUPATIONAL EXPOSURE LIMITS:** None known.**Personal Protection Equipment (PPE)****RESPIRATORY PROTECTION:** No protection is ordinarily required under normal conditions of use and with adequate ventilation. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.**HAND PROTECTION:** No special technical protective measures are necessary.**EYE PROTECTION:** No special technical protective measures are necessary.**PROTECTIVE CLOTHING OR EQUIPMENT:** Not normally required. Provide eye bath and safety shower.**OTHER PROTECTIVE MEASURES:** Observe good personal hygiene measures, such as washing after handling material, especially before eating, drinking, and smoking.**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:** Milky Liquid**Odor:** Slight**Odor Threshold:** No data available**pH:** 4-6**Melting Point:** 32°F**Freezing Point:** 32°F**Boiling Point:** >200°F**Flash Point:** >200°F**Evaporation Rate:** No data available**Flammability Limits:** No data available**Flammability Limit—Upper (% by Volume):** No data available**Flammability Limit—Lower (% by Volume):** No data available**Vapor Pressure:** No data available**Vapor Density:** No data available**Relative Density:** No data available**Solubility in Water:** Dispersible**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 under recommended storage conditions.**REACTIVITY:** No data available.**POSSIBILITY OF HAZARDOUS REACTION:** None under normal processing.**CONDITIONS TO AVOID:** Protect from freezing - product stability may be affected.**INCOMPATIBLE MATERIALS:** None known based on information supplied.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion of the dried product can yield low molecular weight hydrocarbons such as carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE

SKIN CONTACT: No data available.

EYE CONTACT: No data available.

INHALATION: No data available.

INGESTION: No data available.

Information on toxicological effects

Symptoms : No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

SKIN CORRISSON/IRRITATION: No data available.

SERIOUS EYE DAMAGE/ EYE IRRITATION: No data available.

RESPIRATORY/ SKIN SENSITIZATION: No information available.

GERM CELL MUTAGENICITY: No information available.

CARCINOGENICITY: No information available.

REPRODUCTIVE TOXICITY: No information available.

SPECIFIC TARGET ORGAN TOXICITY (Single or Repeated Exposure): No data available.

ASPIRATION HAZARD: No data available

Numerical measures of toxicity - Product Information:

Unknown Acute Toxicity 63.45483% of the mixture consists of ingredient(s) of unknown toxicity

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute health hazard: No

Chronic Health Hazard: No

Fire hazard: No

Sudden release of pressure hazard: No

Reactive Hazard: No

U.S. State Regulations

California proposition 65 Reproductive Toxins and Carcinogens:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

U.S. State Right-to-Know Regulations:

U.S. EPA Label Information:

EPA Pesticide Registration Number : Not Applicable

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

63.6267966% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

BIODEGRADATION: No Data.

BIOACCUMULATION: No Data.

MOBILITY IN SOIL: No Data.

OTHER ADVERSE EFFECTS: No information available.

13. DISPOSAL CONSIDERATONS

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

Contaminated packaging: Do not reuse container.

14. TRANSPORT INFORMATION

Not regulated for transport in any mode.

15. REGULATORY INFORMATION

Inventory Status: On or in compliance with the inventory for the following:

Canada DSL/NDSL Inventory List:

US (TSCA) Inventory:

U.S. Federal Regulatory Information

CERCLA Regulated Chemicals:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

16. OTHER INFORMATION

NEPA:

Health Hazards: 1

Flammability: 0

Instability: 0

Physical and Chemical

Properties –

HMIS:

Health hazards: 1

Flammability: 0

Physical hazards: 0

Personal protection: B

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

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

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 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.

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