Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Dam Cool™

SECTION 1: Identification of the substance/mixture and of the supplier

Product name: **Dam Cool™**

Manufacturer/Supplier Trade name: Dam Cool™

Manufacturer/Supplier Article number: **90756**

Recommended uses of the product and restrictions on use: Liquid dam.

Manufacturer Details:
Danville Materials
3420 Fostoria Way Suite a200
San Ramon, CA 94583
Tel:

Supplier Details:
Danville Materials
3420 Fostoria Way Suite a200
San Ramon, CA 94583
Tel:

Emergency telephone number:
CHEMTREC: 1-800-424-9300, 703-527-3887

SECTION 2: Hazards identification

Classification of the substance or mixture: Not classified for physical or health hazards under GHS.

Signal word: None.

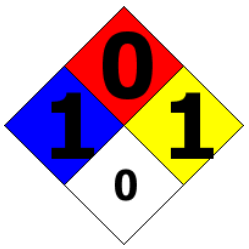
Hazard statements: None.

Precautionary statements:
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

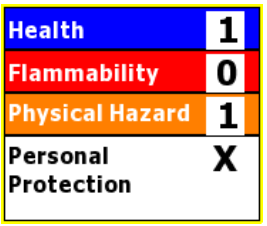
Hazards not otherwise classified (HNOC):
Minimal health hazard in this quantity. May be irritating to eyes, mucous membranes, and skin. May be sensitizing or cause an allergic reaction in susceptible individuals.

Other Non-GHS Classification:

NFPA/HMIS



NFPA SCALE (0-4)



HMIS RATINGS (0-4)

0=Minimal Hazard; 1=Slight Hazard; 2=Moderate Hazard; 3=Serious Hazard; 4=Severe Hazard.

SECTION 3: Composition/information on ingredients

Ingredients:		
CAS#	**Description**	**Wt. %**
CAS N/A	Acrylic Resins	<100 %
		Percentages are by weight

SECTION 4: First aid measures

Description of first aid measures

After inhalation: Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Get medical assistance if cough or other symptoms appear.

After skin contact: Seek medical advice if discomfort or irritation persists. Remove with alcohol and then wash skin with soap and water. Flush with water for 15 minutes.

After eye contact: Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing: Rinse mouth thoroughly. Do not induce vomiting. Seek medical attention if irritation, discomfort, or vomiting persists.

Most important symptoms and effects, both acute and delayed:
Irritation. Headache. Nausea. Shortness of breath.

Indication of any immediate medical attention and special treatment needed:
If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents:
Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: None identified.

Special hazards arising from the substance or mixture:
Thermal decomposition can lead to release of irritating gases and vapors.

Advice for firefighters:

Protective equipment:
Wear protective eyewear, gloves, and clothing. Refer to Section 8.Use NIOSH- approved respiratory protection/breathing apparatus.

Additional information (precautions):
Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental precautions:
Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up:
Always obey local regulations. Containerize for disposal. Refer to Section 13.If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal.

Reference to other sections: No additional information.

SECTION 7: Handling and storage

Precautions for safe handling:
Follow good hygiene procedures when handling chemical materials. Refer to Section 8.Follow proper disposal methods. Refer to Section 13.Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid heat and direct sunlight.

Conditions for safe storage, including any incompatibilities:
Store in a cool location. Keep away from food and beverages. Provide ventilation for containers. Keep container tightly sealed. The shelf life of Dam Cool™ is 3 years when stored at 77 0F (25 0C) or below.

SECTION 8: Exposure controls/personal protection


Control Parameters: No applicable occupational exposure limits.

Appropriate Engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination. Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

Respiratory protection: Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

Protection of skin: Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves.

Eye protection: Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).Safety glasses or goggles are appropriate eye protection.

General hygienic measures: Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing.

SECTION 9: Physical and chemical properties

Appearance (physical state, color):	Light blue gel	**Explosion limit lower:** **Explosion limit upper:**	Not applicable. Not applicable.
Odor:	None.	**Vapor pressure:**	<1 mmHg.
Odor threshold:	Not Determined	**Vapor density:**	Not Determined
pH-value:	Not Determined	**Relative density:**	Not Determined
Melting/Freezing point:	Not Determined	**Solubilities:**	Insoluble in water.
Boiling point/Boiling range:	188°C	**Partition coefficient (n-octanol/water):**	Not Determined
Flash point (closed cup):	>200°F	**Auto/Self-ignition temperature:**	Not Determined
Evaporation rate:	Not Determined	**Decomposition temperature:**	Not Determined
Flammability (solid, gaseous):	Not Determined	**Viscosity:**	a. Kinematic: Not Determined b. Dynamic: Not Determined
Density: Not Determined			

SECTION 10: Stability and reactivity

Reactivity: Nonreactive under normal conditions.
Chemical stability: Stable under normal conditions.
Possible hazardous reactions: None under normal processing.
Conditions to avoid: Incompatible materials. Heat, peroxides, free radical sources, and direct light.
Incompatible materials: Strong acids, alkalis, and oxidizing agents. Free radical sources.
Hazardous decomposition products: Toxic and irritating fumes.

SECTION 11: Toxicological information

Acute Toxicity: No additional information.		
Chronic Toxicity: No additional information.		
Corrosion irritation: No additional information.		
Dermal:		Prolonged contact can cause drying, chapping.
Ocular:		Direct contact may cause stinging sensation, tearing.

Sensitization:	No additional information.
Single target organ (STOT):	No additional information.
Numerical measures:	No additional information.
Carcinogenicity:	No additional information.
Mutagenicity:	No additional information.
Reproductive toxicity:	No additional information.

SECTION 12: Ecological information

Ecotoxicity: Not determined.
Persistence and degradability: Not determined.
Bioaccumulative potential: Not determined.
Mobility in soil: Not determined.
Other adverse effects: None identified.

SECTION 13: Disposal considerations

Waste disposal recommendations:

Dispose of empty containers as unused product. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification. Small quantities can be disposed of with household waste.

SECTION 14: Transport information

UN-Number:	Not Regulated.
UN proper shipping name:	Not Regulated.
Transport hazard class(es):	Not applicable.
Packing group:	Not applicable.
Environmental hazard:	Not applicable.
Transport in bulk:	Not applicable.
Special precautions for user:	Not applicable.

SECTION 15: Regulatory information

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings): None of the ingredients are listed.

SARA Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

RCRA (hazardous waste code): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredient are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): None of the ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%): None of the ingredients are listed.

SECTION 16: Other information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods.
PNEC: Predicted No-Effect Concentration (REACH).
CFR: Code of Federal Regulations (USA).
SARA: Superfund Amendments and Reauthorization Act (USA).
RCRA: Resource Conservation and Recovery Act (USA).
TSCA: Toxic Substances Control Act (USA).
NPRI: National Pollutant Release Inventory (Canada).
DOT: US Department of Transportation.
IATA: International Air Transport Association.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
ACGIH: American Conference of Governmental Industrial Hygienists.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
NFPA: National Fire Protection Association (USA).
HMIS: Hazardous Materials Identification System (USA).
WHMIS: Workplace Hazardous Materials Information System (Canada).
DNEL: Derived No-Effect Level (REACH).

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