CR 535 August 31, 2023

***SAFETY DATA SHEET ***

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: CR 535
Product Type: Water based acrylic coating
Company Address:
The Gluefast Company, Inc.
3535 Route 66, Bldg. #1
Neptune, NJ 07753 USA
Phone 732-918-4600

2. HAZARDS IDENTIFICATION

Physical state: Liquid
Color: White
Odor:Slight

HEALTH: 1
FLAMMABILITY: 0
PHYSICAL HAZARD: 0
Personal Protection: See MSDS Section 8

CAUTION: ADHESIVE VAPORS MAY CAUSE SLIGHT IRRITATION OF THE EYES, SKIN OR RESPIRATORY SYSTEM.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: Vapors may cause eye and respiratory irritation.
Skin Contact: Liquid may cause skin irritation. There have been some reports of slight skin irritation, primarily during the colder months.
Eye Contact: Liquid may cause eye irritation.
Ingestion: Small ingested amounts are not believed to produce adverse health effects.

Existing conditions aggravated by Exposure: None known

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
See Section 11 for additional toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
None	N/A	

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. Get immediate medical attention

Skin contact: Wash skin with soap and water.
Eye contact: Flush with copious quanitites of water and seek medical advice.
Ingestion: Small ingested amounts are not believed to produce adverse health effects. Give two glasses of water to drink. No adverse health effects are anticipated. Contact physician.

5. FIRE FIGHTING MEASURES

Flash point: >200 F
Auto ignition temperature: Unknown
Flammable/Explosive limits - lower: Not applicable
Flammable/Explosive limits – upper: Not applicable
Extinguishing media: For dry film use water, carbon dioxide (CO2) or ABC dry chemical.
Special firefighting procedures: When dried film burns, water (H2O), carbon dioxide (CO2), carbon monoxide (CO), and smoke are produced. Pyrolysis products may include some hazardous materials.
Unusual fire or explosion hazards: This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a slight fire hazard.
Hazardous combustion products: NONE HAZARDOUS – contains no known hazardous ingredients as defined by the Federal Hazardous Substances Act or by the Dept. of Transportation under CFR Title 49.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Disposal of water/adhesive in accordance with federal, state and local regulations. Most states prohibit disposal of liquids in landfills.

Clean-up methods: Contain spill. Recover as much as possible for reuse. Absorb remaining spill with an inert material. Ferric chloride and lime will assist in coagulation. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water. Do not flush liquid material into public sewer or water system.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage: Store indoors. DO NOT FREEZE. Product should be kept from freezing which will seriously damage this adhesive. Rotate stock using oldest material first. Shelf life for opened containers is three months, unopened containers six months.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
None	None	None	None	None

Engineering controls: Effective exhaust ventilation should always be provided to draw mists, fumes, and vapors away from workers to prevent routine inhalation.
Respiratory protection: None required except if product is being sprayed where a NIOSH approved mask is recommended.
Eyeface protection: Safety goggles
Skin protection: Gloves recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: White
Odor: Slight
Odor threshold: Not available
PH: 7.2-8.5
Vapor pressure: Water
Boiling point/range: 212°F
Freezing point/ range: 32°F
Specific gravity: 1.1
Vapor density: Water
Flash point: > 200°F
Flammable/Explosive limits - lower: Not applicable
Flammable/Explosive limits - upper: Not applicable
Autoignition temperature: Unknown
Evaporation rate: Water.
Solubility in water: 100% Soluble
Partition coefficient (n-octanol/water): Not determined
VOC content: Essentially Zero
Percent Volatile: 48-52%

10. STABILITY AND REACTIVITY

Stability	Will break down upon contact with copper bearing Metals. Otherwise stable.
Hazardous reactions:	Will not occur.
Hazardous decomposition products	Thermal decomposition may yield acrylic monomers.
Incompatible materials:	Reactrs with strong oxidizing agents and any water sensitive materials. Avoid contact with brass.
Conditions to avoid:	Do not freeze.

11. TOXICOLOGICAL INFORMATION

Hazardous components	**NTB Carcinogen**	**IARC Carcinogen**	**OSHA Carcinogen (Specifically Regulated)**
None	None	None	None
Hazardous components		**Health Effects/ Target Organs**	
None		None	

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Disposal of water/adhesive in accordance with federal, state and local regulations. Most states prohibit disposal of liquids in landfills.

Hazardous waste number: Not a RCRA hazardous waste

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: CR535GL-CR535PL-CR535DR
Hazard class or division: None
Identification number: None
Packing group: Carton-Plastic Pail-55 Gallon Drum

Product is not regulated, non hazardous and not restricted for transport by air or water.

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA)

Proper shipping name:	CR535GL-CR535PL-CR535DR
Hazard class or division:	None
Identification number:	None
Packing group:	Carton-Plastic Pail-55 Gallon Drum

Product is not regulated, non hazardous and not restricted for transport by air.

WATER TRANSPORTATION (IMO/MDG)

Proper shipping name:	CR535GL-CR535PL-CR535DR
Hazard class or division:	None
Identification number:	None
Packing group:	Carton-Plastic Pail-55 Gallon Drum

Product is not regulated, non hazardous and not restricted for transport by water.

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12(b) Export Notification:	None above reporting de minimus
CERCLA/SARA Section 302 EHS:	None above reporting de minimus
CERCLA/SARA Section 311/312:	None
CERCLA/SARA 313:	None above reporting de minimus
California Proposition 65:	This product may contain chemicals known to the state of California to cause cancer and/or birth defects. Benzene – .0025% or less

Canada Regulatory Information

CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS hazard class:	Not controlled

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections:
New Safety Data Sheet format.

Modification Date: June 12, 2023