

SAFETY DATA SHEET

This safety data sheet complies with the requirements of: 29CFR1910.1200

Issue Date 05-Sep-2023	Revision Date 05-Sep-2023	Version 1
<u>Product identifier</u> Product Name	Universal Single-Ply Adhesive	
<u>Other means of identification</u> Product Code Synonyms	LUCAS 8800 N/A	
<u>Recommended use of the chemica</u> Recommended Use Uses advised against	<u>I and restrictions on use</u> Adhesive. N/A	
Details of the supplier of the safety Manufacturer Address	<u>data sheet</u> R.M. Lucas Company 12400 South Laramie Ave Alsip, Illnois 60803 (773) 523-4300	
Emergency telephone number Emergency Telephone	Call CHEMTREC Day or Night: Within USA and Canada: 1-800 424-9300	

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

Appearance Viscous Physical state Liquid Odor Low

Emergency Overview

Precautionary Statements - Disposal

Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Unknown acute toxicity

35% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance **Mixture**

This product is a mixture.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Common name	Adhesive.
Synonyms	N/A.
Chemical nature	Aqueous Mixture.

Chemical Name	CAS No.	Weight-%	Trade Secret
Acrylic Co-Polymer	25035-69-2	60 - 70%	*
Water	7732-18-5	40 - 50%	*

4. FIRST AID MEASURES

Description of first aid measures

General advice	Under conditions of normal use, no hazards are anticipated which require special first aid measures.	
Eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	
Skin contact	Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.	
Inhalation	Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.	
Ingestion	Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.	
Self-protection of the first aider	First aider: Pay attention to self-protection!.	
Most important symptoms and effects, both acute and delayed		
Symptoms	May cause skin irritation. May cause eye irritation.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	Treat symptomatically.	
5. FIRE-FIGHTING MEASURES		

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO2). Sand. Use foam or water FOG as a last resort.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

N/A.

Hazardous combustion products Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

Explosion data Sensitivity to Mechanical Impact Not sensitive. Sensitivity to Static Discharge Not sensitive.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

	6. ACCIDENTAL RELEASE MEASURES
Personal precautions, protective e	quipment and emergency procedures_
Personal precautions	No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required.
Other Information	Extremely slippery when spilled.
For emergency responders	Use personal protection recommended in Section 8.
Environmental precautions	
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains, or waterways. Local authorities should be advised if significant spillages can not be contained. See Section 12 for additional ecological information.
Methods and material for containm	ent and cleaning up
Methods for containment	Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.
Methods for cleaning up	Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.
	7. HANDLING AND STORAGE
Precautions for safe handling	
Advice on safe handling	Use personal protective equipment as required.
Conditions for safe storage, includ	ing any incompatibilities
Storage Conditions	Keep from freezing. Keep containers tightly closed in a cool, dry, well-ventilated place.
Incompatible materials	Strong acids. Strong oxidizing agents.
8. EX	POSURE CONTROLS/PERSONAL PROTECTION
Control parameters	
Exposure Guidelines	No ACGIH or OSHA PEL is assigned to this mixture. Exposure limits for the component materials are shown below. This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA.
Appropriate engineering controls	
Engineering Controls	None under normal outdoor use conditions.
Individual protection measures, su	ch as personal protective equipment
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear protective gloves and protective clothing that is resistant to chemical penetration.
Respiratory protection	No protective equipment is needed under normal use conditions.
1 71	

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Color	Liquid Viscous Clear White	Odor Odor threshold	Low Negligible odor.
Property	<u>Values</u>	Remarks • Method	
pH Melting point/freezing point	8 None/0 276F None/32 °F	Melting Point is not app shown.	licable. Freezing points are
Boiling point / boiling range Flash point	> 100 276F / 212 °F Not applicable 276F / Not applicable °F	Non Flammable	
Evaporation rate	The evaporation rate of the water component of this emulsion product is dependent upon: 1) The temperature of the water at the air-water surface; 2) The humidity of the air; 3) The area of the air-water surface; 4) The temperature of the air. N/A Non Flammable	upon atmospheric cond	poration rate is dependent litions.
Flammability (solid, gas) Flammability Limit in Air	Non Flammable	Not flammable	
Upper flammability limit:	Not applicable		
Lower flammability limit:	Not applicable		
Vapor pressure	2.33 (kPa)	@ 20 °C	
Vapor density	5.3	Where: Air = 1 at 68 de	grees F (20 degrees C)
Specific Gravity	1.1	Water = 1g/ml	
Water solubility	Dispersible		
Solubility in other solvents	Soluble in aromatic and aliphatic		
	solvents.		
Partition coefficient	N/A	No data available.	
Autoignition temperature	330 276F / 626 °F		
Decomposition temperature	N/A		
Kinematic viscosity	N/A		
Dynamic viscosity	N/A		
Explosive properties	Not an explosive		
Oxidizing properties	None		
Other Information			
Softening point	Not applicable		
Molecular weight	N/A		
VOC Content (%)	Less than 50 g/l		
Density	11.0 to 11.4 lb/gal		
Bulk density	Not applicable		
	10. STABILITY AND READ	TIVITY	

Reactivity Not applicable

Not applicable

Chemical stability Stable.

Possibility of Hazardous Reactions None under normal use.

Hazardous polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known for product as a whole.

Incompatible materials

Strong acids. Strong oxidizing agents.

Hazardous Decomposition Products

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

11. TOXICOLOGICAL INFORMATION		
Information on likely routes of exposure		
Product Information	Toxicological testing has not been conducted for this product overall. Available toxicological data for individualingredients are summarized below.	
Inhalation	Avoid breathing vapors or mists.	
Eye contact	Avoid contact with eyes. Contact with eyes may cause irritation.	
Skin contact	May cause irritation.	
Ingestion	If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure.	

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	-	-
7732-18-5			

Information on toxicological effects

Symptoms

N/A.

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

Skin corrosion/irritation Serious eye damage/eye irritation Irritation Corrosivity Sensitization Germ cell mutagenicity	Can cause skin irritation. Irritating to eyes. Irritating to eyes and skin. Not classified. May cause sensitization of susceptible persons. This product does not contain any ingredients that cause germ cell mutagenicity. The table below indicates whether each agency (ACCIH, IARC, NTP, or OSHA) has listed
Carcinogenicity	The table below indicates whether each agency (ACGIH, IARC, NTP, or OSHA) has listed any ingredient as a carcinogen.

Legend

ACGIH (American Conference of Governmental Industrial Hygienists) A1 - Known Human Carcinogen A2 - Suspected Human Carcinogen A3 - Animal Carcinogen A4 - Not Classifiable as a Human Carcinogen IARC (International Agency for Research on Cancer) Group 1 - Carcinogenic to Humans Group 2A - Probably Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans Group 3 - Not classifiable as a human carcinogen. NTP (National Toxicology Program) Known - Known Carcinogen Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present **Reproductive toxicity** None known for product as a whole. None known for product as a whole. **Developmental Toxicity** Teratogenicity None known.

STOT - single exposure	N/A.
STOT - repeated exposure	N/A.
Aspiration hazard	N/A.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document For exterior use only. Do not use indoors.

12. ECOLOGICAL INFORMATION

Ecotoxicity

14.75% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability N/A.	
Bioaccumulation N/A.	
Other adverse effects	N/A
	13. DISPOSAL CONSIDERATIONS
Waste treatment methods	
Disposal of wastes	Disposal should be in accordance with applicable local, regional, national and international laws and regulations.
Contaminated packaging	Do not reuse container.

14. TRANSPORT INFORMATION

Note:	This material is not subject to regulation as a hazardous material for shipping
DOT	Not regulated.
TDG	Not regulated.
MEX	Not regulated.
ICAO (air)	Not regulated.
IATA	Not regulated.
<u>IMDG</u>	Not regulated.
RID	Not applicable in the United States. Not regulated.
ADR	Not applicable in the United States. Not regulated.
ADN	Not applicable in the United States. Not regulated.
15. REGULATORY INFORMATION	
International Inventories TSCA	All of the components of this product are listed on the US TSCA (Toxic Substances Control

DSL/NDSL

Act) Inventory or are exempt.

All of the components of this product are listed on the DSL.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

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

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)

CERCLA

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).

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Water	-	-	Х
7732-18-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health hazards 1	Flammability 0	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection -
Issue Date Revision Date Revision Note N/A Disclaimer	05-Sep-20 05-Sep-20			

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information

relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.