

1. IDENTIFICATION

Product Identifier

Product Name M-839

Other means of identification

Product Code(s) YM839-CAD
Product Type Hot Melt Adhesive.

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use only.
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

IFS Industries
400 Orrton Ave
PO Box 1053
Reading PA 19603

Company Phone Number

610-378-1381

Distributor in Canada

Dural
550 Marshall Ave.
Dorval, PQ
Canada
H9P 1C9
800-361-2340

Emergency telephone number

Emergency Telephone Number CHEMTREC (800) 424-9300
CANUTEC 613-996-6666

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

WHMIS Statement

Classification complies with Canadian Hazardous Products Regulations (WHMIS 2015).

Label elements

Emergency Overview

Signal Word Not classified

Hazard Statements

None.

Appearance Glue sticks chips or pellets

Physical State Solid

Odor Slight

Precautionary Statements - Prevention

Do not handle until all safety precautions have been read and understood.

Precautionary Statements - Response

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Precautionary Statements - Storage

Store in a dry place.

Precautionary Statements - Disposal

Dispose of in accordance with federal, state and local regulations.

Hazards not otherwise classified (HNOC)

Contact with product at elevated temperatures can result in thermal burns. Avoid breathing vapors or fumes from hot material. Vapors may be irritating to eyes, nose, throat, and lungs. Upon sufficient heating of this product, paraffin wax fumes may be generated, which may be considered an irritant. See section 8 of the SDS for exposure levels.

Other Information

Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Components	CAS No.	Weight-%	Trade Secret
Paraffin waxes and Hydrocarbon waxes	8002-74-2	10 - 30	*

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

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact with molten substance may cause severe burns to skin and eyes. After contact with molten product, cool skin area rapidly with cold water. Call a physician immediately.

Skin Contact

Take off contaminated clothing and wash before reuse. Wash hands thoroughly after handling. Contact with molten substance may cause severe burns to skin and eyes. After contact with molten product, cool skin area rapidly with cold water. Consult a physician if necessary.

Inhalation

Remove to fresh air.

Ingestion

None under normal use conditions. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use, Foam, Dry chemical or CO2

Unsuitable Extinguishing Media

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

Specific Hazards Arising from the Chemical

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Explosion Data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

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 equipment and emergency procedures

Personal Precautions Ensure adequate ventilation. Use personal protection equipment. Avoid dust formation. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Cleaning Up Prevent environmental discharge consistent with regulatory requirements. Use non-sparking tools. Pick up and transfer to properly labeled containers. Disposal should be in accordance with applicable regional, national and local laws and regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Use personal protection equipment. Avoid contact with eyes, skin and clothing. Do not breathe dust. Avoid dust formation. Do not ingest.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Store in accordance with local regulations. Store in a dry place. Store at room temperature.

Incompatible Products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - WEEL
Paraffin waxes and Hydrocarbon waxes 8002-74-2	TWA: 2 mg/m ³	(vacated) TWA: 2 mg/m ³ (fume)	TWA: 2 mg/m ³ (fume)	-

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Avoid contact with eyes. Eye protection.

Skin and Body Protection Wear protective gloves/protective clothing.

Respiratory Protection

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.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Slight
Appearance	Glue sticks chips or pellets	Odor Threshold	No data available
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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pH Specific test data for the substance or mixture is not available

Melting point / freezing point No information available

Boiling Point / Boiling Range Specific test data for the substance or mixture is not available

Flash Point Specific test data for the substance or mixture is not available

Evaporation Rate No information available

Flammability (solid, gas) No information available

Flammability Limit in Air
Upper Explosive Limits Specific test data for the substance or mixture is not available

Lower Explosive Limits Specific test data for the substance or mixture is not available

Vapor pressure Negligible

Vapor Density Specific test data for the substance or mixture is not available

Specific Gravity <1.0

Water Solubility Immiscible in water

Solubility in other solvents Specific test data for the substance or mixture is not available

Partition coefficient No information available

Autoignition Temperature No information available

Decomposition Temperature No information available

Kinematic viscosity No information available

Dynamic viscosity Specific test data for the substance or mixture is not available

Explosive Properties No information available

Oxidizing Properties No information available

Other Information

Softening Point 160 °F

Solids 100%

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Excessive heat.

Incompatible Materials

Strong oxidizing agents, strong acids, and strong bases.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	May cause irritation of respiratory tract.
Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking. May cause irritation.
Ingestion	Not an expected route of exposure. May be harmful if swallowed.

Components	Oral LD50	Dermal LD50	Inhalation LC50
Paraffin waxes and Hydrocarbon waxes 8002-74-2	> 5000 mg/kg (Rat)	> 3600 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms Specific test data for the substance or mixture is not available.

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

Sensitization	None known.
Mutagenic Effects	Specific test data for the substance or mixture is not available.
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen
Reproductive Toxicity	No information available
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration Hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	37,037.00
ATEmix (dermal)	26,667.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

13.63201 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Methods Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging Do not reuse empty containers.

14. TRANSPORT INFORMATION

DOT Not regulated.

IATA Not regulated.

IMDG/IMO Not regulated.

15. REGULATORY INFORMATION

TSCA 8(b) All components are listed or exempt

DSL All components are listed or exempt

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

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

US Federal Regulations

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. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

CWA (Clean Water Act)

See information supplied by the manufacturer

CERCLA

See information supplied by the manufacturer

US State Regulations

California Proposition 65

Based on information from material suppliers and process knowledge, this product is not known to contain any Proposition 65 listed substances.

U.S. EPA Label Information

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

<u>NFPA</u>	Health Hazard 1	Flammability 1	Instability 0	Physical and Chemical Hazards -
<u>HMIS</u>	Health Hazard 1	Flammability 1	Physical hazards 0	Personal Precautions X

Revision Date 29-Jan-2019

Revision Note

No information available

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet