



Revision #2

Revision Date 12/25/15

NFPA	HMIS/WHMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Flammability</td> <td>1</td> </tr> <tr> <td>Health Hazard</td> <td>1</td> </tr> <tr> <td>Stability</td> <td>0</td> </tr> </table>	Flammability	1	Health Hazard	1	Stability	0		
Flammability	1								
Health Hazard	1								
Stability	0								

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name HM235-10
Synonyms Hot Melt Adhesive
Manufactured By: Astro Packaging
 1300 N. Jefferson St.
 Anaheim, CA 92807
Emergency Contact Number ChemTrec (800) 424-9300
Telephone for Information (800) 642-7876

2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING: CONTACT WITH MOLTEN MATERIAL MAY CAUSE SEVERE BURNS.

Appearance Light Amber

Physical State Solid

Odor Slight Resinous

OSHA Regulatory Status

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

Potential Health Effects

Eyes
Skin

May cause irritation. Contact with molten material may cause severe burns. May cause skin irritation and/or dermatitis. Contact with molten material may cause severe burns.

Inhalation
Ingestion

Inhalation of dust in high concentration may cause irritation of respiratory system. May cause additional effects as listed under "ingestion". Ingestion may cause stomach discomfort.

Chronic Effects

Chronic Toxicity
Aggravated Conditions
Environmental Hazard

No known effect.
None known.
See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any ingredients considered hazardous by OSHA.

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Contact with molten material: Cool with cold water immediately. Do not remove adhesive. Seek immediate medical attention/advice.
Skin Contact	Wash skin with soap and water. Contact with molten material may cause severe burns. Immediately cool affected skin as long as possible with cold water. Do not remove clothing if adhering to skin. Removal of solidified molten material from skin requires medical assistance. Seek immediate medical attention/advice.
Inhalation	Move to fresh air. Continuous breathing of vapors above molten material may cause irritation. Move to fresh air in case of accidental inhalation of vapors or decomposition products. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Immediate medical attention is required.
Ingestion	None under normal use. Clean mouth with water and afterwards drink plenty of water. Ingestion may cause stomach discomfort
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide, or foam.
Hazardous Combustion Products	Carbon Oxides.
Flammable Properties	Not flammable.

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	Wear protective gloves/clothing and eye/face protection.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Measures	Showers Eyewash stations Ventilation systems
Eye/Face Protection	Eye protection
Skin and Body Protection	Wear protection gloves/clothing
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved organic vap respiratory protection should be worn.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Values
Appearance	Light Amber
Physical State	Solid
Flash Point	Not applicable
Boiling Point/Range	Not applicable
Freezing Point	Not applicable
Explosion Limits	Not applicable
Specific Gravity	< 0.95
HAPs Data	Not HAPs
Odor	Slight Resinous
pH	Approximately neutral
Autoignition Temperature	Not applicable
Melting Point/Range	Not data available
Flammability Limits in Air	Not applicable
VOC Content	No VOC

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage condition
Incompatible Products	Strong oxidizing agents
Conditions to Avoid	None known based on information supplied.
Hazardous Decomposition Products	Carbon Monoxide, Carbon Dioxide

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	This product does not present an acute toxicity hazard based on known or supplied information.
Product Information	
Irritation	Repeated of prolonged exposure may cause irritation of eyes and skin.
Chronic Toxicity	Contains no ingredient listed as a carcinogen.
Carcinogenicity	

12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of contents/container in accordance with local regulation.
Contaminated Packaging	Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT	Not Regulated
IATA	Not Regulated
IMDG/IMO	Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Does not comply
PICCS	Does not comply
AICS	Complies

U.S. 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

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)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

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

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) 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.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S State Right-to-Know Regulations

International Regulations

Canada

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

WHMIS Hazard Class

Not determined.

16. OTHER INFORMATION

Prepared By Verified by Quality Control Department

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