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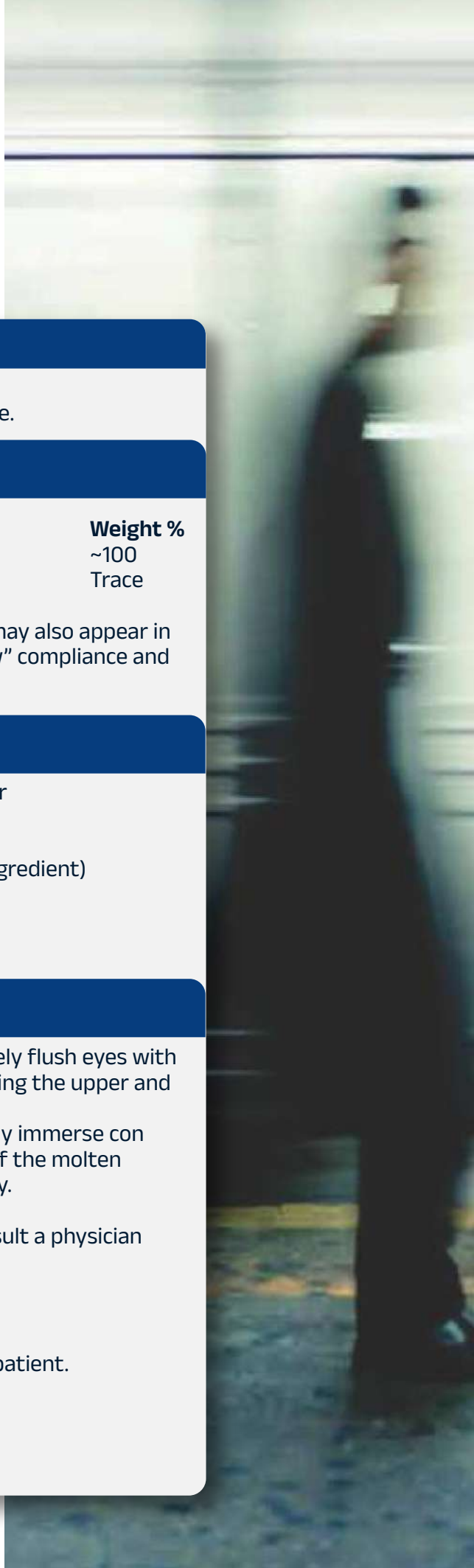


MATERIAL SAFETY DATA SHEET

ETHYL VINYL ACETATE

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product: Vinyl acetate film used in glass lamination
Intended Use: Lamination of glass for decorative or functional use.

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	CAS number	Weight %
Ethylene-Vinyl Acetate Copolymer	24937-78-8	~100
Vinyl Acetate	108-05-4	Trace

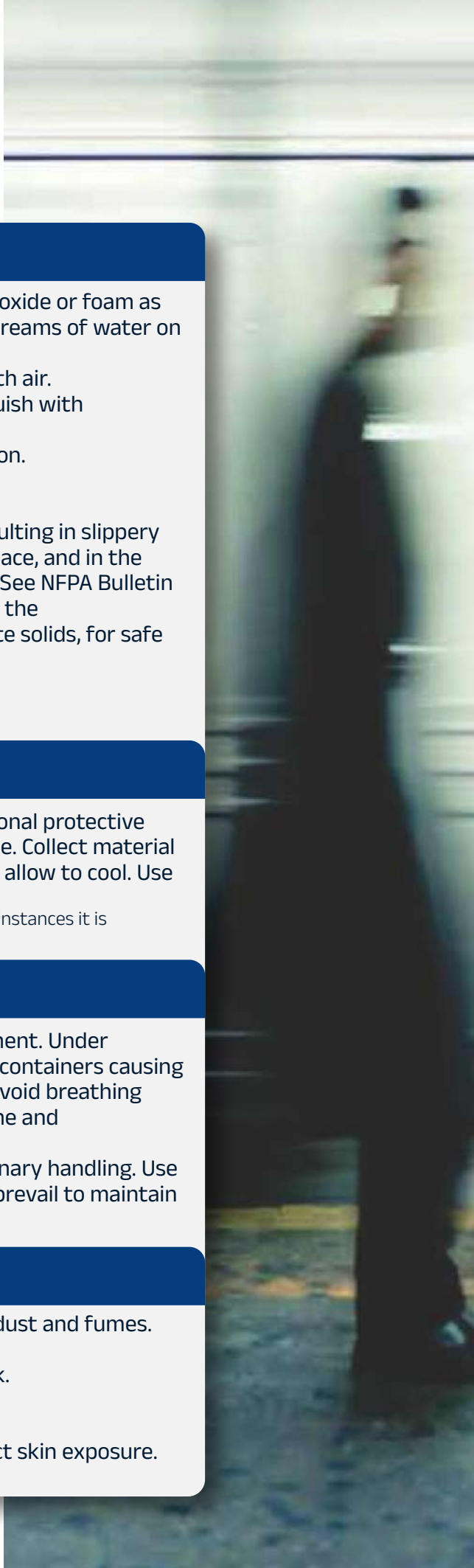
Trace impurities and additional material names not listed above may also appear in section 15. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

SECTION 3 HAZARDS IDENTIFICATION

Product name: Ethylene-Vinyl Acetate Copolymer
Synonyms: EVA film
Chemical abstraction No.: 24937-78-8 (CAS No.)
Hazardous components: None (percentage of additives ingredient)
Mixture:
Character: Hazardous components: None
Concentration/Percentage: N/A

4. FIRST AID MEASURES

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for several minutes, occasionally lifting the upper and lower eyelids. Seek medical advice if pain persists.
Skin contact: In case of contact with molten material, immediately immerse con tacted area in cold water. do not attempt to peel off the molten material from skin. Seek medical attendion promptly.
Inhalation: Supply fresh air. Seek immeidate medical advice
Ingestion: Very low toxicity. May cause choking if swallowed. Consult a physician when if large amount has been swallowed.
Major symptoms and harm effects: None.
First aid personal protection: None.
Notes to physician: Expatiate symptoms or phenomenon of the patient.



SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Water fog, dry chemical, carbion dioxide or foam as appropriate for materials in surrounding fire. Avoid using direct streams of water on molten, burning material as it may scatter and spread the fire.
Special exposure hazards: Dust may be explosive when mixed with air.
Special extinguishing procedures: 1. Stand up-wind , then extinguish with appropriate media, covering the entire fire area thoroughly.
2. If possible, remove remaining material or goods to a safe location.
3. Appropriate protective fire fighting clothing and respirator are required for fire fighters.
Unusal fire and explosion hazards: Melts in proximity to fires resulting in slippery floors and stairs. Airborne dusts of this product, in an enclosed space, and in the presence of an ignition source, ay constitute an explosion hazard. See NFPA Bulletin 654, Standard for the prevention of fire and dust explosions from the manufacturing, processing and handling of combustible particulate solids, for safe handling procedures.
Personal protection: None.
Environmental protection: None.

SECTION 6 ACCIDENTAL RELEASE MEASURES

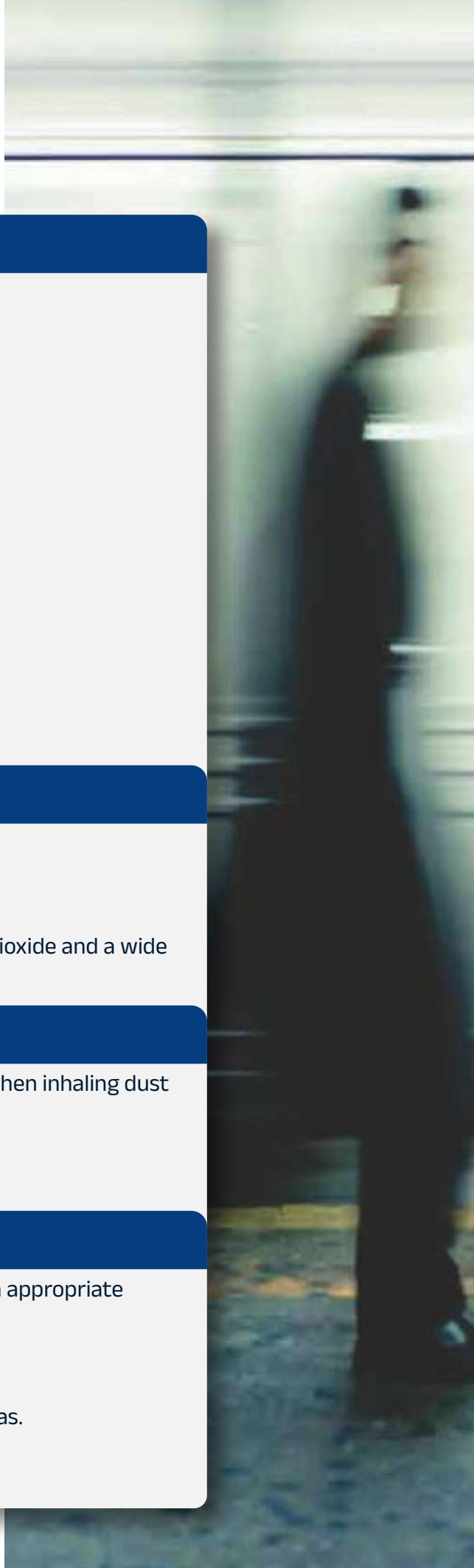
In case of spill or other release: Always wear recommended personal protective equipment. Avoid generating dust. Keep away from heat and flame. Collect material and place in a container for reuse or disposal. If material is moten, allow to cool. Use caution, as material may still be hot after solification.
Spills and releases over pertinent local legal limits may cause pollution; in these instances it is necessary to inform local authorities.

SECTION 7 HANDLING AND STORAGE

Handling: Always wear recommended personal protective equipment. Under conditions of storage, vapors may collect in the headspace of the containers causing a sometimes pungent odor during unpacking of htese products. Avoid breathing vapors when opening containers. Follow standard personal hygiene and housekeeping practices for an industrial environment.
Storage: General room ventilation is adquate for storage adn ordinary handling. Use local exhaust at points of fume generation or if dusty conditions prevail to maintain exposure below the PEL/TLV exposure limits.

SECTION 8 EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering control: Ventilated area to prevent accumulation of dust and fumes.
Control factor: TWA/STEL/CEILING/Biotic Index (BEI): ---
Personal protection Respiratory protection: Use dust-proof mask.
equipment: Hand protection: Use rubber gloves.
Eye protection: Use safety goggles when dust is present.
Skin & body proection: Long sleeve lab coats and gloves to protect skin exposure.
Hygiene procedures: None.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid flexible film.
Odor:	None.
Odor threshold:	Not applicable.
PH value:	Not applicable.
Melting point:	60-90˚ C.
Boiling point/Range:	Not applicable.
Inflammability:	Not applicable.
Flash point:	Not applicable.
Decomposition Temp.:	Not applicable.
Test method:	Open cup, closed cup.
Spontaneous Temp.:	300-350˚ C.
Exposure limits:	Not applicable.
Vapor pressure:	Not applicable.
Vapor density:	Not applicable.
Density:	0.925 ~ 0.955
Solubility in water:	Insoluble.
Partition coeffcient:	---
Volatility Speed:	---

SECTION 10 STABILITY AND REACTIVITY DATA

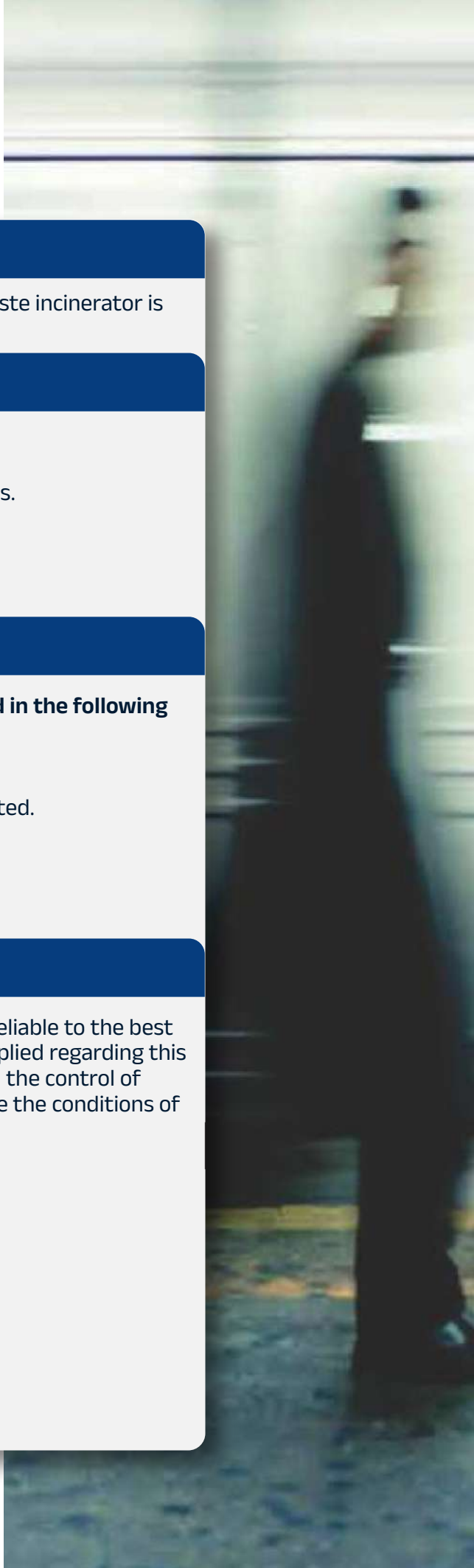
Stability: Stable.
Special conditions of hazardous reaction: None.
Conditions to avoid: Temperatures above 200˚ C
Incompatibility: Might react with stong oxidant.
Hazardous decomposition products: Carbon monoxide, carbon dioxide and a wide variety of innocuous or toxic fumes.

SECTION 11 TOXICOLOGY INFORMATION

Exposure: May cause slight irritation to the respiratory system when inhaling dust or smoke.
Symptom: None.
Acute toxicity: None.
Chronic toxicity: None.

SECTION 12 ECOLOGICAL INFORMATION

Ecological toxicity: Difficult to biodegrade. It can be recycled with appropriate technologies.
Sustainable and de-toxic: Difficult to natrually degrade.
Ecologic accumulation: None.
Liquidity in soil: None.
Other poor effects: Improper burning may generate hazardous gas.



SECTION 13 DISPOSAL CONSIDERATIONS

Consult local laws and regulations, and safe burning through a waste incinerator is preferred.

SECTION 14 TRANSPORTATION INFORMATION

United Nations number (UN No):	Not regulated.
United Nations shipping name:	Not regulated.
DOT hazard class:	Not regulated as a hazardous.
Package category:	Not regulated.
Maritime pollutants:	Not regulated.
Special transport way and note:	Not regulated.

SECTION 15 REGULATORY INFORMATION

Ethylene-Vinyl Acetate Copolymer (CAS No. 24937-78-8) is listed in the following chemical inventories:

USA: TSCA
Canada: DSL
European EINECS: Exempt from the listings, all monomers are listed.
Australia: AICS
Korea: ECL
Phillipines: PICCS
China: Inventory of Existing Chemical Substances

SECTION 16 OTHER INFORMATION

The information presented above is believed to be accurate and reliable to the best of our knowledge, however makes no warranties expressed or implied regarding this information. In addition, since the use of the product is not within the control of Andrew Pearson Industries, it is the user's obligation to determine the conditions of safe use of the product.