

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Product name:** Decorative Vinyl Window Films W/ PS Adhesive

**Product No.:** 35328-00

**Synonyms, Trade Names:** Acid Etch, Etched Frost, Frosted Glass, FROSTED SPARKLE, Frosted Sparkle (Vinyl), NRMV BC HPR (Brushed Crystal), NRMV CG HPR (Crackled Glass), NRMV SC HPR (Satin Crystal), NRMV60F-PS3 (Etched Frost), NRMV-80 DC PS3 (Dusted Crystal Vinyl), NRMV80DC-PS3 (Dusted Crystal), Sandblast, Satin Crystal Clear, Silver Shimmer, Silver Sparkle, Temporary Black Out, Temporary White Out, White Light Diffuser

### Relevant identified uses of the substance or mixture and uses advised against

**Identified uses:** Window films for application to glass.

**Uses advised against:** Application to non-glass surfaces.

### Details of the supplier of the safety data sheet

#### Manufacturer / Supplier

Eastman Chemical Company  
200 South Wilcox Drive  
Kingsport, TN 37660-5280 US  
+14232292000

Visit our website at [www.EASTMAN.com](http://www.EASTMAN.com) or email [emnmsds@eastman.com](mailto:emnmsds@eastman.com) Visit our website at [www.EASTMAN.com](http://www.EASTMAN.com) or email [emnmsds@eastman.com](mailto:emnmsds@eastman.com)

### Emergency telephone number:

For emergency health, safety, and environmental information, call 1-423-229-4511 or 1-423-229-2000. For emergency health, safety, and environmental information, call 1-423-229-4511 or 1-423-229-2000.

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300 or call 423-229-2000. For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300 or call 423-229-2000.

## SECTION 2: Hazards identification

**Hazard classification:** The product has not been classified as hazardous according to the legislation in force.

### OSHA Specified Hazards:

This product is a manufactured article  
and is therefore exempt from 29 CFR  
1910.1200

**Hazard(s) not otherwise classified (HNOC):** None known.

## SECTION 3: Composition/information on ingredients

### Substances / Mixtures

**General information:**

Chemical name	Concentration	Additional identification	Notes
polyvinyl chloride film	80 - 95%	CAS-No.: 9002-86-2	#
polymerized release liner	5 - 15%	CAS-No.: proprietary	
adhesive	2 - 6%	CAS-No.: proprietary	
disperse dyes & UVA's	0 - 1%	CAS-No.: proprietary	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

# This substance has workplace exposure limit(s).

**SECTION 4: First aid measures**

**General:** Get medical attention if symptoms occur.

**Description of first aid measures**

**Inhalation:** No specific first aid measures noted. Get medical attention if symptoms occur.

**Eye contact:** No specific first aid measures noted. Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.

**Skin contact:** No specific first aid measures noted. Wash with soap and water.

**Ingestion:** Not relevant, due to the form of the product.

**Most important symptoms and effects, both acute and delayed:** None known.

**Indication of any immediate medical attention and special treatment needed**

**Hazards:** None known.

**Treatment:** Treat symptomatically.

**SECTION 5: Firefighting measures**

**General fire hazards:** None known.

**Extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** None known.

**Special hazards arising from the substance or mixture:** Fire or excessive heat may produce hazardous decomposition products.

**Advice for firefighters**

**Special fire fighting procedures:** None known.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Wear appropriate personal protective equipment.

**Environmental precautions:** Avoid release to the environment.

**Methods and material for containment and cleaning up:** Sweep or scoop up and remove.

**Notification Procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**SECTION 7: Handling and storage:**

**Precautions for safe handling:** Low hazard for usual industrial or commercial handling. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Store in closed original container in a dry place.

**Specific end use(s):** No data available.

**SECTION 8: Exposure controls/personal protection**

**Control parameters**

**Occupational exposure limits**

Country specific exposure limits have not been established or are not applicable unless listed below.

Chemical name	Type	Exposure Limit values	Source
polyvinyl chloride - as vinyl chloride monomer	TWA	1 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (02 2006)
	STEL	5 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (02 2006)
	OSHA_ACT	0.5 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (02 2006)
polyvinyl chloride - Respirable fraction.	TWA	1 mg/m3	US. ACGIH Threshold Limit Values (01 2010)
	TWA	15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
polyvinyl chloride - Total dust.	TWA	50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
polyvinyl chloride - Respirable fraction.	TWA	5 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)

polyvinyl chloride - Total dust.	TWA	15 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
polyvinyl chloride - Respirable fraction.	PEL	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
polyvinyl chloride - Total dust.	PEL	15 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)

**Exposure controls**

**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

**Individual protection measures, such as personal protective equipment**

- General information:** Provide eyewash station and safety shower.
- Eye/face protection:** It is a good industrial hygiene practice to minimize eye contact. Wear safety glasses with side shields (or goggles).
- Skin protection**
- Hand protection:** It is a good industrial hygiene practice to minimize skin contact. Wear suitable gloves. Wash hands after handling.
- Other:** None should be needed.
- Respiratory Protection:** None should be needed.
- Hygiene measures:** Observe good industrial hygiene practices.
- Environmental Controls:** No data available.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

**Appearance**

- Physical State:** Solid
- Form:** Plastic Film
- Color:** Various
- Odor:** Odorless
- Odor Threshold:** No data available.
- pH:** No data available.
- Boiling Point:** No data available.
- Flash Point:** No data available.
- Evaporation Rate:** No data available.
- Flammability (solid, gas):** No data available.
- Flammability Limit - Upper (%)-:** No data available.
- Flammability Limit - Lower (%)-:** No data available.
- Vapor pressure:** No data available.
- Vapor density (air=1):** No data available.

<b>Specific Gravity:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Dynamic Viscosity:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

**SECTION 10: Stability and reactivity**

<b>Reactivity:</b>	None known.
<b>Chemical stability:</b>	Stable
<b>Possibility of hazardous reactions:</b>	None known.
<b>Conditions to avoid:</b>	None known.
<b>Incompatible materials:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	None known.

**SECTION 11: Toxicological information**

**Information on likely routes of exposure**

<b>Inhalation:</b>	None known.
<b>Ingestion:</b>	None known.
<b>Skin contact:</b>	None known.
<b>Eye contact:</b>	None known.

**Information on toxicological effects**

**Acute Toxicity**

<b>Oral Product:</b>	No data available.
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**Specified substance(s)**

<b>Dermal Product:</b>	No data available.
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**Specified substance(s)**

<b>Inhalation Product:</b>	No data available.
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<b>Specified substance(s)</b>	
<b>Repeated dose toxicity</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Skin corrosion/irritation:</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Serious eye damage/eye irritation:</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Respiratory or skin sensitization:</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Mutagenicity</b>	
<b>In vitro</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>In vivo</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Carcinogenicity</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Reproductive toxicity</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Specific target organ toxicity - single exposure</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Specific target organ toxicity - repeated exposure</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Aspiration hazard</b>	
Product:	No data available.
<b>Specified substance(s)</b>	
<b>Other adverse effects:</b>	No data available.

**SECTION 12: Ecological information**

**Toxicity**

**Acute toxicity**

**Fish**

**Product:** No data available.

**Specified substance(s)**

**Aquatic invertebrates**

**Product:** No data available.

**Specified substance(s)**

**Chronic Toxicity**

**Fish**

**Product:** No data available.

**Specified substance(s)**

**Aquatic invertebrates**

**Product:** No data available.

**Specified substance(s)**

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Specified substance(s)**

**Persistence and degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s)**

**Biological Oxygen Demand:**

**Product** No data available.

**Specified substance(s)**

**Chemical Oxygen Demand:**

**Product** No data available.

**Specified substance(s)**

**BOD/COD ratio**

**Product** No data available.

**Specified substance(s)**

**Bioaccumulative potential**

**Product:** No data available.

**Specified substance(s)**

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

**Results of PBT and vPvB assessment:** No data available.

**Other adverse effects:** No data available.

### **SECTION 13: Disposal considerations**

#### **Waste treatment methods**

**General information:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal methods:** No data available.

### **SECTION 14: Transport information**

*Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.*

#### **DOT**

Class not regulated

#### **IMDG - International Maritime Dangerous Goods Code**

Class not regulated

#### **IATA**

Class not regulated

### **SECTION 15: Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.**

**WHMIS (Canada) Status:** noncontrolled

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical List**

**OSHA:** nonhazardous

**TSCA (US Toxic Substances Control Act):** Does not apply.(manufactured article)



**SECTION 16: Other information**

**HMIS® Hazard Ratings:** Health - 1, Flammability - 1, Chemical Reactivity - 0

*HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.*

**Revision Information:** Not relevant.

**Key literature references and sources for data:** No data available.

**Training information:** No data available.

**Issue date:** 07/25/2014

**SDS No.:**

**Disclaimer:** This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.