

Nan Ya Plastics Corporation, USA

GHS 101 Safety Data Sheet



1. PRODUCT IDENTIFICATION

MANUFACTURE:

Nan Ya Plastics Corporation USA
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SDS file No: GHS101-SDS-NPCTX001
Preparation Date: 02/01/2016
Supersedes Date: 03/01/2013

Product Name: PVC Rigid Film
Product Code: BBB*,BBF*,BDC*,BDL*, BFB*, BFF*, BFV*, BLG*, BLO*, BLT*, BPA*, BPG*, BPL*, BPT*, BSA*, BSF*, BSG*, BSR*, BSS*, BVA*, BVD*, BVJ*, BVR*, BVS*, BZG*, BZBB, BZCB, BWCB, BWDB, BWWB
**Could be specified in "C" – shinny on both sides, "G" – one side shinny other side matte, or "B" – matte on both sides*
Chemical Family: Polymer of Chlorinated Hydrocarbon
CAS No.: Not applicable
Formula: Proprietary
Chemical Name: Polyvinyl Chloride Film
Synonyms: Plastic Film, Rigid Film
Technical Information: (979) 532-5494

2. HAZARD IDENTIFICATION

Emergency Overview:

During a Fire Emergency Primary Route(s) of Exposure: Inhalation Ingestion Eye Skin Contact

Potential Health Effects and Symptoms of Over-Exposure

During Fire emergency, when this product is burned it may generate smoke

Eye Contact: Smoke from a fire emergency may cause eye irritation.
Skin Contact: Hot melted plastics from a fire may cause burns to skin.
Inhalation: Smoke from a fire emergency may cause respiratory irritation
Ingestion: Unlikely

Medical Conditions Aggravated by Overexposure

Available toxicological information and the physical/chemical properties of the material suggest that there is no evidence that this product aggravates an existing medical condition.

NFPA Rating		HMIS Rating	
Fire -	1	Flammability -	1
Health -	0	Health -	0
Reactivity -	0	Reactivity -	0
Specific Hazard -	None	Personal Protection Index -	E
GHS Pictogram-	None		

Carcinogenicity:	NPT: NO	IARC: NO	OSHA: NO
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3. PRODUCT INGREDIENTS

No.	Components	Cas No.	Percent (%)	OSHA PEL
1	PVC resin	9002-86-2	80~85%	5 mg/M ³ (respirable dust)
2	Proprietary	Mixture	15~20%	Not Established

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation develops, consult a physician.
Skin Contact: If burned by hot plastics, get medical attention immediately.
Inhalation: If inhaled smoke from burning plastics, remove to fresh air. If symptoms develop, seek immediate medical attention.
Ingestion: Unlikely
Notes to Physician: Treat symptomatically and supportively.
Other Instructions: Never give anything by mouth to an unconscious person.

5. FIRE HAZARD DATA AND FIGHTING METHOD

Flash Point: Not Applicable
Auto-ignition: Not Applicable
Flammable Limits: In Air (LEL, %) Not Applicable
Extinguishing Media: Dry Chemical, Foam, Water, or Carbon Dioxide
(UEL, %) Not Applicable

Special Fire Fighting Procedures: In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Evacuate all personnel from danger area. Use dry chemical, foam, water, or carbon dioxide to extinguish fire.

Unusual Fire and Explosion Hazards: PVC will not continue to burn after ignition without an external fire source. However, when forced to burn, the major gaseous products of the combustion of PVC are carbon monoxide, carbon dioxide, and hydrogen chloride.

6. ACCIDENTAL RELEASE CONTROL MEASURES

Response to Spills: Not Applicable

7. HANDLING AND STORAGE

Handling: Use with care. Wear Gloves if necessary when cutting or fabricating film.
Storage: Store in cool dry, well ventilated area away from sources of extreme heat or fire.
Container Use: Not Applicable

8. EXPOSURE CONTROL, PERSONAL PROTECTION RECOMMENDATIONS

Eye Protection: Wear safety glasses during film cutting or fabricating process.
Skin Protection: Wear gloves when cutting or fabricating film by hand.
Respiratory Protection: Fire Fighters should wear NIOSH approved self-contained breathing apparatus (SCBA) during fire emergency,

Engineering Control: Ventilation Requirements- Local Exhaust Specific General

Required work/Hygiene Procedure: Do not eat, drink, or smoke in work area. Wash hands thoroughly after handling, especially before eating, drinking, smoking, chewing, or using restroom facility.

Exposure Guidelines

No.	Components	OSHA-PEL	ACGIH-TLV
P	PVC Film	Not Applicable	Not Applicable

9. PHYSICAL/CHEMICAL PROPERTIES*

Physical Form: Solid Sheet
Color: Clear to Opaque
Odor: Insignificant
Molecular Weight: Ranging from 60,000 ~ 150,000
Boiling Point: Not Applicable
Melting Point: Not Established
Freezing Point: Not Applicable
Solubility in Water: None
Specific Gravity: 1.32~1.45 (Water = 1)
Vapor Density: Not Applicable (Air = 1)
Evaporation Rate: None (Butyl Acetate = 1)
Vapor Pressure: Not Applicable
% Volatile: None
pH: Not Applicable

*The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Stability: Stable
Conditional to Avoid: Fire or Extreme Heat
Hazardous Decomposition: If burned it will generate carbon dioxide, carbon monoxide, and hydrogen chloride.
Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

The information provided below can be subject to misinterpretation. Therefore, it is essential the following information be interpreted by individuals trained in its evaluation.

Chemical	Toxicity Data
PVC Film	Not Applicable

12. ECOLOGICAL INFORMATION

No Data is available on the adverse effects of this product on the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Method: It must be disposed of in accordance with Federal, State and Local environmental control regulations.
Recycle/Reclaim: Recycling of PVC film should be encouraged where possible.

14. TRANSPORT INFORMATION

DOT Shipping:	Not Listed	DOT Label:	Not Applicable
DOT Hazard Class:	Not regulated	UN/NA Number:	Not Applicable
Hazard Label(s):	Not Applicable	Hazard Placard(s):	Not Applicable
Packing Group:	Not Applicable	Bulk Packaging:	Not Applicable
RQ:	Not Applicable	Emergency Response Guide (ERG) No:	Not Applicable

15. REGULATORY INFORMATION

OSHA Status:	Not Listed, Non-Hazardous	EPA Clean Water Act Status:	Not Listed
EPA Clean Air Act Status:	Not Listed	CERCLA RQ:	Not Listed
TSCA Status:	All ingredients are listed on TSCA Inventory (40CFR710)		
SARA Title III	PVC Film		

Sec. 302* - None **Sec. 313**** - None **Sec. 311/312***** - None

*Reportable quantity of extremely hazardous substance, Sec 302. Threshold planning quantity, extremely hazardous substance, Sec. 302

**Toxic Chemical. Sec 313, Category as required by Sec. 313 (40CFR372.65C). Must be used on Toxic Release Inventory form.

***Hazard category for SARA SEC 311/312 reporting H1=acute health hazard, H2 =chronic health hazard, P3=fire hazard, P4= sudden release of pressure hazard, P5= reactive hazard.

RCRA Status: It is the responsibility of the product user to determine at the time of disposal whether a material containing this product or derived from this product should be classified as a hazardous waste. (40CFR261.20~24)

Other Regulatory Information:

Chemicals are specifically listed by individual states; other product-specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

Chemical – PVC Film	Regulated States:	NONE	Regulation:	NONE
	International Regulation:	NONE		

16. OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Nan Ya Plastic Corporation, USA. Nan Ya Plastics Corporation, USA, or any of its subsidiaries do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Nan Ya Plastics Corporation, USA assumes no legal responsibility for loss, damage or expense arising out of or in any way connected with, the handling, storage, use or disposal of this product.
