



MSDS NO.: A001R2209060402
Creation Date: September 9, 2022

Applicant: Huangshan Xingwei Reflective Material Co., Ltd.
Address: No. 5, Jingxing Road, Shexian Economic Development Zone, Huangshan City, Anhui Province

Sample information:

Sample name: Car License Plate Grade Reflective Sheeting
Model: XW8200
Sample composition/raw material (supplied by client): Refer to section 3 of the MSDS“Composition/Information on Ingredient”
Edit period: From September 6, 2022 to September 9, 2022

Required service : As specified by the client, to edit Material Safety Data Sheet (MSDS) by the submitted sample information.

Summary : As specified by the client, This safety data sheet was prepared in accordance with Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Rev.9. Please refer to the attached report for details.

Signed for and on behalf of
Shanghai Changyin Testing Technology Co.,Ltd



Approved Signatory

Material Safety Data Sheet (MSDS)

In accordance with GHS Rev. 9.

Section 1 - Chemical Product and Company Identification

1.1 Product Identification:

Product Name: Car License Plate Grade Reflective Sheeting
Product Model: XW8200

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

Identified uses: Car License Plate
Use advised against: No data available.

1.3 Details of the Manufacture or supplier

Manufacture: Huangshan Xingwei Reflective Material Co., Ltd.
Address: No. 5, Jingxing Road, Shexian Economic Development Zone, Huangshan City, Anhui Province
Telephone: +86-559-6661708
Email: cecilia-bien@cnxwfg.com

1.4 Emergency telephone number

Emergency Telephone: +86-559-6661708

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture

This product is not classified as dangerous according to the GHS (The Globally Harmonized System of Classification and Labelling of Chemicals).

2.2 GHS Label elements, including precautionary statements

Pictogram(s): No pictogram is used.
Signal Word: No signal word is used.
Hazard Statement: No hazard statement.
Precautionary statements: No precautionary statement.

2.3 Description of any hazards not otherwise classified

No additional information available.

Section 3 - Composition/Information on Ingredient

Substance () Preparation () Article (✓)

Composition:

Chemical name	CAS No.	Content (%)
Glass beads	-	33%
Acrylic resin	9011-14-7	33%
Resin	-	34%

Abbreviation: CAS No. is Chemical Abstract Service Registry Number.

Section 4 - First Aid Measures**4.1 Description of first aid measures:**

Eye Contact: Cannot be contacted by eyes under normal usage. If contacted, Flush eyes with plenty of water, occasionally lift the upper and lower eyelids. Do not rub eyes and seek medical advice if irritation develops or persists.

Skin Contact: Contact with the skin during product use is not expected to result in significant irritation. If necessary, Wash off with soap and plenty of water.

Inhalation: Cannot be inhaled, no special measures.

Ingestion: Ingestion is unlikely under normal conditions. If largely ingested, seek medical attention if discomfort.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No special medical measure required under normal condition.

Section 5 -Extinguishing media**5.1 Extinguishing media**

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Combustible. Decomposition products formed under fire conditions. - Carbon oxides, etc..

5.3 Advice for firefighters

As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting. Stand upwind for fire fight.

5.4 Further information

No information available.

Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

6.1 Personal precautions, protective equipment and emergency procedures:

Not required..

6.2 Environmental precautions:

No special environmental precaution measures required.

6.3 Methods and materials for containment and cleaning up:

Pick up or rip off mechanically. No special measure required.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. Keep out of the reach of children.

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool, dry place. Keep away from open flames, hot surfaces. Store away from strong oxides.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limits: Not established by US OSHA and ACGIH.

8.2 Exposure controls

Engineering Control: General industrial hygiene practice.

Personal protective equipment:

Respiratory Protection: None required under normal use conditions.

Eyes Protection: None required under normal use conditions.

Body Protection: None required under normal use conditions.

Hands Protection: None required under normal use conditions.

Other Protections: Wash hands thoroughly after work.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Solid, roll-shaped, self-adhesive
Color	White
Odor	Odorless
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not applicable as not a liquid.
Evaporation rate	Not applicable as not a liquid.
Flammability	Not flammable.
Upper explosive limit % (V/V)	Not applicable as not a flammable gas.
Lower explosive limit % (V/V)	Not applicable as not a flammable gas.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Relative density	Not available.
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

Section 10 - Stability and Reactivity

10.1 **Stability:** Stable under normal storage temperature and pressure.

10.2 **Conditions to Avoid:** Extremes of temperature, flames and mars.

10.3 **Incompatible materials:** Strong oxidizing agents.

10.4 **Hazardous Decomposition Products:** Other decomposition products- no data available. In the event of fire:see section 5.

10.5 **Possibility of hazardous reactions:** None hazardous reactions known under normal condition.

Section 11 - Toxicological Information

Acute Toxicity: No data available.

Skin Corrosion/Irritation: No known irritating effect.

Serious Eye Damage/Eye Irritation: No known irritating effect.

Respiratory or Skin Sensitization	No sensitizing effects known.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity:	None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):	No known human health effects upon single exposure.
Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):	No known human health effects upon repeated exposure.
Aspiration Hazard:	Based on available data, the classification criteria are not met.
Potential Health Effects:	This product is regarded as articles, safe for consumer during normal handling.
Inhalation:	Cannot be inhaled.
Skin Contact:	No known irritating effect.
Eye Contact:	No known irritating effect.
Ingestion:	Ingestion is unlikely under normal conditions.

Section 12 - Ecological Information

12.1 Toxicity

Expected to be nonhazardous to environment under normal usage.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No bioaccumulative potential

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No known ecological damage caused by this product.

Section 13 - Disposal Considerations

Waste treatment methods

Product

Non hazardous waste. Small quantity can be disposed as household waste. As for big quantity, Observe according to the national and local related regulations.

Contaminated packaging

Dispose of as unused product.

Section 14 - Transport Information

14.1 UN-Number

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.2 UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.3 Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA

Class Not applicable.

Label Not applicable.

14.4 Packing group

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.5 Environmental hazards Not applicable.

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex 1 of

Marpol and the IBC Code Not applicable.

14.8 Transport/Additional information: Not dangerous according to the above specifications.

UN 'Model Regulation': Not applicable.

Section 15 - Regulatory Information

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

No data available.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16 - Additional Information

16.1 Reference

- | | | |
|-----|--|---|
| [1] | IPCS:The International Chemical Safety Cards (ICSC) | website: http://www.ilo.org/dyn/icsc/showcard.home |
| [2] | EU REACH Registered Substance Database | website:
http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances |
| [3] | OECD: The Global Portal to Information on Chemical Substances, | website:
http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en |
| [4] | CAMEO Chemicals, | website: http://cameochemicals.noaa.gov/search/simple |
| [5] | NLM:ChemIDplus, | website:
http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp |
| [6] | EPA: Integrated Risk Information System, | website: http://cfpub.epa.gov/iris/ |
| [7] | U.S. Department of Transportation:ERG, | website: http://www.phmsa.dot.gov/hazmat/library/erg |
| [8] | Germany GESTIS-database on hazard substance | website: http://gestis-en.itrust.de/ |
| [9] | IARC | website: http://www.iarc.fr/ |

16.2 Abbreviations and acronyms

PC-STEL	Short term exposure limit
PC-TWA	Time Weighted Average
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
ADR	Agreement on Dangerous Goods by Road
IATA	International Air Transport Association
IMO	International Maritime Organization
IMDG	The International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
UN	The United Nations
NTP	National Toxicology Program
ACGIH	The American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health

16.3 Disclaimer

-This safety data sheet was prepared in accordance with UN GHS Rev.9.

-The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product

16.4 Information on revision

MSDS Creation Date: September 9, 2022

MSDS Revision Date: -

Reason For Revision: -

MSDS Edition: 1.0

End of MSDS