



Revision Number:1

Issue date: 25/04/2018

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Hello Multi-Purpose steel glue

**Region:** Islamic Republic of Iran

**Product description:** Twin glue

**Contact information:**

**Intended use:** Pasting of different materials

Telephone: +984136301361-7

**Address:** Hello glue Co., Ltd. Tabriz-Tehran Police Station, the first of basmenj road, across from chlorpars factory, next to Azran Plastic factory, Tabriz, Iran

Mobile: +989300031616

Website: [www.helloglue.com.tr](http://www.helloglue.com.tr)

## 2. HAZARDS IDENTIFICATION

### Symbols



<b>GHS Classification</b>	Flammable Liquid	Category 1
	Serious Eye Damage/Eye Irritation	Category 1
	Skin Sensitization	Category 1
	Skin Corrosion/Irritation	Category 2
	Specific Target Organ Systemic Toxicity (STOT) – Repeated Exposure	Category 3
	Hazardous to the aquatic environment - Acute	Category 3
	Hazardous to the aquatic environment - Chronic	Category 3
<b>GHS Hazard Phrases</b>	Extremely flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.	

### GHS Precautions

#### Safety Precautions

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/ fume/ gas/ mist/vapors/ spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.



Wear protective gloves/protective clothing/eye protection/face protection.

**First Aid Measures**

If on skin: Wash with plenty of soap and water.

If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse

If in eyes: Rinse cautiously with water for 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. Get medical advice/attention if you feel unwell.

In case of fire: Use water spray, foam, dry chemical or carbon dioxide to extinguish.

**Storage**

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

**Disposal**

Dispose of contents/container in accordance with local/ regional/ national/ international regulation for hazardous wastes.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

This product is a mixture.

Chemical Name	CAS #	Present*	Classification
n-n dialkyl toluene	112-18-5	5-10	R22: Harmful if swallowed. R34: Causes burns. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Chlorosulfonated polyethylene (CSPE)	68037-39-8	5-10	Eye: May cause eye irritation. Skin: May cause skin irritation. Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated. Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.
Acrylonitrile butadiene styrene	9003-56-9	60-70	Inhalation: Acute exposure: May cause irritation

\*Exact percentage is trade secret. Concentration range is provided to assist users in providing appropriate protections.

Unlisted components are not classified as hazardous.

**4. FIRST AID MEASURES**

**Eye Contact**

Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

<b>Skin contact</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	Remove to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.
<b>Ingestion</b>	Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
<b>Note to doctor</b>	No additional first aid information available

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Use water spray, foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures</b>	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment
<b>Unusual fire or explosion hazards</b>	Vapors are heavier than air and can travel to a source of ignition and flash back
<b>Hazardous Combustion Products</b>	Carbon dioxide, Carbon monoxide Nitrogen containing gases.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Special Protection</b>	No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this SDS. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.
<b>Methods for clean-up</b>	Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

## 7. HANDLING AND STORAGE

<b>Handling precautions</b>	No special handling instructions due to toxicity. Keep away from heat, sparks and flame. Wash thoroughly after handling. Keep container closed. Emptied container retains vapor and product residue. Observe all labeled precautions until container is cleaned. Drums of this material should be grounded when pouring. Do not cut or weld on or near this container.
<b>Storage advice:</b>	Store in a cool, dry, ventilated location. Keep away from heat, sparks, flame and other sources of ignition. Keep container closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering control</b>	Use local exhaust ventilation or other engineering controls to minimize exposures.
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<b>Respiratory protection</b>	Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. NIOSH approved air purifying respirator with organic vapor cartridge.
<b>Eye Protection</b>	Wear safety glasses when handling this product.
<b>Skin protection</b>	Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact. Wear gloves to prevent absorption through skin. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.
<b>Gloves</b>	Not normally required. Use nitrile gloves if conditions warrant.
<b>Other protections</b>	No smoking, eating and drinking at work place. Avoid alcoholic beverages before work. Take a shower and change clothes after work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Green
Odor:	Characteristic
pH:	Not established
Freezing/melting point (°C):	Not established
Boiling point(°C):	Not established
Flashpoint:	10°C; 50°F 9°C; 48°F TCC
Evaporation rate:	Not established.
Flammability:	Not a flammable solid or gas
Upper explosion limit:	Not established
Lower explosion date:	Not established
Vapor pressure (mm Hg):	Not established
Vapor density:	Not established
Relative density(water=1):	1.010
Relative vapor density (air=1):	Not established
Water solubility:	Not established
Octanol/water coefficient :	Not established
Ignition temperature:	Not established
Decomposition temperature:	Not established
Viscosity:	No data available
Solids (% by weight):	100.0
Voc ,weight percent:	Not determined
Major function:	Adhesive

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions
<b>Conditions to avoid:</b>	Temperatures greater than 90°F (32°C).
<b>Chemical incompatibility:</b>	Not established
<b>Hazardous polymerization:</b>	May occur
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide ,Nitrogen containing gases

## 11. TOXICOLOGICAL INFORMATION

### Potential health effects by route of energy:

<b>Skin corrosion / irritation</b>	Can cause minor skin irritation, defatting, and dermatitis
<b>Serious eye damage/irritation</b>	can cause irritation
<b>Respiratory/skin sensitization</b>	May cause an allergic skin and reaction
<b>Germ cell mutagenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>Single Exposure Target Organ Effects</b>	No data available
<b>Respiratory irritation / Narcotic effects</b>	May cause respiratory irritation
<b>Repeated Exposure Target Organ effects</b>	No data available.
<b>Target organs Potentially Affected by exposure</b>	Skin and lungs Central nervous system
<b>Aspiration hazard</b>	Not an aspiration hazard.
<b>Medical Conditions Aggravated by Exposure</b>	Skin disease including eczema and sensitization

## 12. ECOLOGICAL INFORMATION

<b>Overview</b>	ecological information available for this product
<b>Mobility</b>	data available
<b>Persistence</b>	data available
<b>Bioaccumulation</b>	data available

This product has not been tested for ecological effects

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Disposal should be in accordance with local or national legislation.

## 14. TRANSPORT INFORMATION

Consult bill of lading for transportation information.

**LATA:** UN1133, ADHESIVES, 3, II

**Australia ADG:** This product has not been classified for transportation

**Transportation instruction:** Not applicable

## 15. REGULATORY INFORMATION

### Inventory status

<b>U.S. EPA TSCA</b>	This product is in compliance with the Toxic Substances Control Act's Inventory requirements.
<b>European REACH</b>	As supplied, this product does not meet the registration requirements under REACH. Articles using this product may be imported into the European Union. See below for information on SVHC content.
<b>Australia AICS</b>	This product contains a component that is not on the Australian Inventory (AICS).



**Substances of Very High Concern (SVHC) Content:** Unless listed below, this product does not contain SVHC's.

## 16. OTHER INFORMATION

SDS version date: 25/04/2018

Prepared by: Hello glue co, ltd.

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