

SAFETY DATA SHEET

SHUNTEX XMA

according to Regulation (EC) No. 1907/2006

version: 2

Revision Date: 14.03.2014

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : SHUNTEX XMA

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

Relevant identified uses : Industrial purposes only.

Uses advised against : Textile auxiliary

1.3. Details of the supplier of the safety data sheet

Address : 2F. , No.54-1 Tzu-Chong St., Hsin-Chuan City , Taipei Hsien , Taiwan .

Telephone : 886-2688-1198

Fax : 886-2676-4469

Email : shuncheer@gmail.com

1.4. Emergency telephone number

Name : SHUNCHEER Enterprise Corporation

Telephone : +886-2688-1198 (only during office hours)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye irritation (Category 2), H319.

Classification according to 67/548/EEC and 1999/45/EC

C:Corrosive; R36: Irritating to eyes.

2.2. Label elements

Hazard pictogram(s) :



Signal word(s): Warning

Hazard statement(s): H319 - Causes serious eye irritation.

2.3. Other hazards

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Component	%	Classification according to Directive 67/548/EEC.	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrolyzed Polymaleic Anhydride CAS No. 26099-09-2	48 %	C; R36	Eyr Irrit. 2 (H319)
Water CAS No. 7732-18-5	52 %		

4. FIRST AID MEASURES

4.1. Description of first aid measures

After eye contact:

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove any contact lenses. Get medical attention. Remove material from skin and clothing.

After skin contact:

Immediately flush the area with plenty of water. Remove contaminated clothing. Get medical attention. Wash contaminated clothing before re-use.

After inhalation:

Remove patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Remove material from eyes, skin and clothing.

After ingestion:

Immediate first aid is not likely to be required. A physician or Poison Control Center can be contacted for advice. Wash heavily contaminated clothing before reuse.

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 data available

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Noncombustible

5.2. Special hazards arising from the substance or mixture

Material can splatter above 100C/212F. Dried product can burn.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

5.4. Additional information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Keep people away from and upwind of spill/leak.

Material can create slippery conditions.

6.2. Environmental precautions

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

6.3. Methods and materials for containment and cleaning up

Keep spectators away.

Contain spills immediately with inert materials (e.g., sand, earth).

Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

6.4. Reference to other sections

No information available.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid inhalation of vapors/spray and contact with skin and eyes. Avoid eating, drinking and smoking when using the product. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Protect against physical damage and/or friction. Keep in original container. Store in tightly closed original container in a dry and cool place. Store away from Alkalies. Reducing Agents. Do NOT use container made of: Carbon steel.

7.3. Specific end use(s)

no data available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

No specific occupational exposure limit has been established.

Engineering measures:

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Provide eyewash, quick drench.

8.2.2. Personal protection

Respiratory protection:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit

Eye/face protection:

Wear approved safety goggles. Use face shield in case of splash risk

Skin protection:

Wear apron or protective clothing in case of contact.

Hand protection:

For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Butyl rubber

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Physical state: liquid
	Colour: Amber
Odour	Slight odor
Odour threshold (ppm)	no data available
pH (value)	< 2.0
Melting/freezing point (°C)	< -5 °C
Boiling point/ range (°C)	100 - 102 °C
Flash point (°C)	Noncombustible
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Explosive limit ranges	no data available
Vapor pressure (mm Hg)	17.5 mm Hg
Vapor density (air=1)	no data available
Density (g/mL)	1.16 -1.24 g/ml (20 °C)
Solubility (water)	completely soluble
Solubility (other)	no data available
Partition coefficient	no data available
Auto ignition temperature (°C)	no data available
Decomposition temperature (°C)	no data available
Viscosity (mPa.s)	100.000-500.000mPa.s
Explosive properties	no data available
Oxidising properties	no data available

9.2. Other information

No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous polymerisation does not occur.

10.2. Chemical stability

No hazards to be specially mentioned.

10.3. Possibility of hazardous reactions

None under normal processing..

10.4. Conditions to avoid

Reacts with alkalis and generates heat.

10.5. Incompatible materials

Contact with strong alkalais.

Contact with sulfites. Contact with nitrites.

Contact with oxidizing agents.

10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapors/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	LD50,oral, rat > 5000 mg/kg LD50, dermal, rabbit, male > 5000 mg/kg
Skin corrosion/irritation	rabbit: Moderately irritating to skin
Serious eye damage/irritation	rabbit: Severely irritating
Sensitisation	guinea pig: Produced no dermal sensitization (guinea pigs)
Mutagenicity	no data available
Carcinogenicity	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Reproductive toxicity	no data available
STOT-single exposure	no data available
STOT-repeated exposure	no data available
Aspiration hazard	no data available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute aquatic toxicity

Fish toxicity:

LC50 Zebra fish (Danio/Brachydanio rerio) 96 h > 200 mg/l

Daphnia toxicity:

EC50 Daphnia magna 48 h > 1,000 mg/l

12.2. Persistence and degradability

Not expected to bioaccumulate.

Biodegradation Zahn-Wellens (OECD 302B) 18 % 35 d

12.3. Bioaccumulative potential

no data available

12.4. Mobility in soil

no data available.

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

General information: Do not allow to penetrate into soil, waterbodies or drains.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Environmental precautions

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal

When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations..

14. TRANSPORT INFORMATION

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

- | | |
|---|--------------------------|
| 14.1. UN number | UN 3265 |
| 14.2. UN proper shipping name: | CORROSIVE LIQUID, N.O.S. |
| 14.3. Transport hazard class(es) | 8 |
| 14.4. Packing group | III |
| 14.5. Environmental hazards | no data available |
| 14.6. Special precautions for user | no data available |

15. REGULATORY INFORMATION

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

no data available

15.2. Chemical safety assessment

no data available

16. OTHER INFORMATION

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