Material Safety Data Sheet

Issue Date : Jan. 2018 GYEON

Product Name : GYEON Leather shield

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

1-1. Product Name : GYEON Leather shield

1-2. Information of a manufacturing company

1-2-1. Company Name : GYEON Technology

1-2-2. Address : 1405-538,212,Gasan digital 1-ro,Geumcheon-gu,Seoul,Korea

1-2-3. Phone : +82-10-4339-3599

1-2-4. Fax : 82-02-6008-5855

2. COMPOSITION / INFORMATION ON INGREDIENTS

2-1. Chemical Mixture : Liquid mixture

2-2. Chemical description	Chemical formula	Content	CAS No.	Remark
Naphtha(Petroleum),Hydrotreated Heavy		>25%	64742 - 48 - 9	
Nonane		<=1.5%	111-84-2	
Distillates (Petroleum), Hydrotreated Light		>55%	64742 - 47 - 8	
Organic polysilazane compound		>=10%	Trade Secret	

3. HAZARD IDENTIFICATION (Also see section 11)

3-1. Most important hazards : NON HAZARDOUS PRODUCT, inflammable stable under normal conditions

3-1-1. Adverse human health effects

3-1-2. Physical and chemical hazards : Irritating to eyes and skin.

3-1-2-1. Fire or explosion : No particular fire or explosion hazard.

3-1-2-2. Further hazards : Hazardous reactions on contact with many common Ma terials.

(Refer to the list of incompatible materials Section 10 “Stability-Reactivity”).

3-1-2-3. Chronic hazards : No known chronic hazards. Not listed by NTP, IARC, or OSHA as a carcinogen.

4. FIRST AID MEASURES

4-1. FIRST AID

4-1-1. SKIN: Wash off with soap and plenty of water. If irritation persists, seek medical attention.

4-1-2. EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.

Consult an eye specialist if necessary.

4-1-3. INHALATION: Remove to fresh air,keep patient warm and at restif breathing is irregular seek for medical attn..

4-1-4. INGESTION:Immediately evacuate any remaining liquid from th e mouth and seek medical attention.

Do NOT drink water and Do NOT induce vomiting.

5. FIRE FIGHTING MEASURES

5-1. Flammable limits(Vapor In Air, Vol%) : This material is noncombustible.

5-2. Fire extinguishing media : Carbon dioxide foam,dry chemical or fine spray w.ater

5-3. Specific hazards : None known

5-3. Specific fire fighting methods : Cool down the containers/equipment exposed to heat with a water spray.

6. ACCIDENTAL RELEASE MEASURES

6-1. Personal precautions : Wear personal protective equipment.

6-2. Environmental precautions : Contain the spilled material by banding.

6-3. Methods for cleaning up. : Wipe off or wash affected area with water

7. HANDLING AND STORAGE

7-1. Handling (Safe handling advice) : Prior to use, shake well to restore the suspension and promptly clean up spills.

7-2. Storage (at room temperature) : Store in a cool and dark place and keep container closed.

7-3. Packaging : Store in clean plastic containers

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8-1. Hand Protection : Gloves to prevent skin exposure as latex or vinyl

8-2. Eye Protection : Safety spectacles with side shields.

8-3. Other Protective Equipment : Wear appropriate clothing to prevent skin exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

9-1. Physical state : Liquid

9-2. Color : Colorless to light yellow

9-3. Vapor pressure : 0.0269MPa(25°C)

9-4. Solubility in water : Insoluble in water

9-5. Appearance and Odor : Transparent liquid ,Mild oil

9-6. Flash point (closed cup) : 82°C

9-7. Boiling point: 91°C

9-8. Specific gravity : 0.89 (water : 1)

9-9. pH : 7~8

9-10. VOCs : N/A

10. STABILITY AND REACTIVITY INFORMATION

10-1. Stability :Stable under recommended storage, handling and usage conditions.

10-2. Conditions to avoid : No dangerous reactions known under normal conditions of use.

10-3. Materials to Avoid : Strong oxidizing agents, metals, bases, amines.

10-4. Hazardous decomposition products : Combustion can produce carbon monoxide (CO).

10-5. Hazardous polymerization : Will not occur

11. TOXICOLOGICAL INFORMATION

May be irritating for skin and eyes after prolonged contact.repeated or long exposure may cause removal of nature fat from the skin resulting in dryness and possible dermatitis

12. ECOLOGICAL INFORMATION

The product is not classified as dangerous for the environment.product should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulation.

14. TRANSPORT INFORMATION

14-1. E.U Regulation : Non hazardous for transport.

14-2. Hazard class/Packing group : No information available

14-3. Technical Name : No information available

14-4. Labels Required : No information available

14-5. UN Number : No information available

14-6. DOT Packaging Requirements : No information available

14-7. Sea transport (IMDG) : Not classified as dangerous for transport

14-8. Air transport (IATA/ICAO) : Not classified as dangerous for transport

15. REGULATORY INFORMATION

15-1. OSHA : Not regulated

15-2. Risk phras:es: R22: harmfull of swallowed, R36/38 : eye&skin irritate :avoide prolong exposure

15-3. Safety phra: ses: S36/37 - wear suitable protective clothing and gloves

15-4. SARA(Superfund Amendments and Reauthorization Act): No information available

15-5. EU : No information available

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.