

SAFETY DATA SHEET

Issue Date 26-May-2015

Revision Date 29-May-2015

Version 1

1. IDENTIFICATION

Product identifier

Product Name Xtreme Set 100 - A

Other means of identification

Product Code

Synonyms

Recommended use of the chemical and restrictions on use

Recommended Use Concrete Coating.

Uses advised against No Data

Details of the supplier of the safety data sheet

Distributor Address

Legacy Industrial Corp. 13440 West Colonial Drive Suite 2 Winter Garden, FL 34787

Manuf
Surfac

Emergency telephone number

Company Phone Number (888)-652-0333

24 Hour Emergency Phone Number 888-652-0333 (United States & Canada)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|--|------------|
| Specific target organ toxicity (single exposure) | Category 3 |
| Aspiration toxicity | Category 1 |

Label elements

Emergency Overview

Hazard statements

Suspected of Causing Cancer
Causes Serious Eye Irritation
May Cause Respiratory Irritation
May Cause Drowsiness or Dizziness
May be Harmful if Swallowed
May be Harmful if Swallowed and Enters Airways
Causes Skin Irritation



Appearance Blue /Gray Liquid

Physical state liquid

Odor Solvent

Precautionary Statements - Prevention

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
 Take action to prevent static discharges
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Wash face, hands and any exposed skin thoroughly after handling
 Avoid release to the environment
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
 If skin irritation occurs: Get medical advice or attention.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
 IF SWALLOWED: Immediately call a POISON CONTROL CENTER/doctor
 Do NOT induce vomiting.
 Take off contaminated clothing and wash before reuse
 In case of fire use, "alcohol resistant" foam, dry chemical, halon or carbon dioxide to extinguish.
 Collect spillage

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified (HNOC)

Repeated exposure may cause skin dryness or cracking

Other Information**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|---|------------|----------|--------------|
| Polymeric Diphenylmethane Diisocyanate (pMDI) | 9016-87-9 | 15 - 40 | * |
| Petroleum naphtha, light aromatic | 64742-95-6 | 15 - 40 | * |
| 4,4'-Diphenylmethane Diisocyanate (MDI) | 101-68-8 | 10 - 30 | * |
| 2,4'-Diphenylmethane Diisocyanate (MDI) | 5873-54-1 | 1 - 5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures**

General advice Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

Ingestion IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms Eye, Skin, and Respiratory Irritation. May cause allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. For additional information, see Safety Data Sheet.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry Chemical, Alcohol Resistant Foam, Halon or Carbon Dioxide.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

In a fire or if heated a pressure increase may occur and the container may burst.

Hazardous combustion products Carbon dioxide (CO₂). Carbon monoxide.

Explosion data

Sensitivity to Mechanical Impact Not available.

Sensitivity to Static Discharge .

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not allow product to enter any drains or waterways. Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

Methods for cleaning up Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. Dispose according to local regulations. Prevent product from entering drains.

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing fumes from hot material. Use with local exhaust ventilation. Avoid inhalation of vapour or mist. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Incompatible materials

Keep away from strong oxidizing agents, strong alkalis, and strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

4,4'-MDI, Bis(4-isocyanatophenyl)methane, 101-68-8.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|----------------|--|---|
| 4,4'-Diphenylmethane Diisocyanate (MDI) 101-68-8 | TWA: 0.005 ppm | (vacated) Ceiling: 0.02 ppm regulated under Methylene bisphenyl isocyanate (vacated) Ceiling: 0.2 mg/m ³ regulated under Methylene bisphenyl isocyanate Ceiling: 0.02 ppm Ceiling: 0.2 mg/m ³ | IDLH: 75 mg/m ³ Ceiling: 0.020 ppm 10 min Ceiling: 0.2 mg/m ³ 10 min TWA: 0.005 ppm TWA: 0.05 mg/m ³ |

Appropriate engineering controls**Engineering Controls**

General/Local Ventilation Recommended.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift.

Respiratory protection

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties**Physical state**

liquid

Appearance

Blue /Gray Liquid

Color

Blue /Gray Liquid

Odor

Solvent

Odor threshold

No data available

Property**Values****Remarks • Method****pH**

Not Relevant

Melting point / freezing point

Not Available

| | | |
|--------------------------------------|---------------------|-----------------|
| Boiling point / boiling range | Not Established | |
| Flash point | 41 °C 109 °F | CC (closed cup) |
| Evaporation rate | Not Available | |
| Flammability (solid, gas) | Not Relevant | |
| Flammability Limit in Air | | |
| Upper flammability limit: | Transparent Liquid | |
| Lower flammability limit: | Transparent Liquid | |
| Vapor pressure | Not Available | |
| Vapor density | Not Available | |
| Relative density | .998 @ 70 Degrees F | |
| Water solubility | Insoluble in water | |
| Solubility in other solvents | Not Available | |
| Partition coefficient | Not Available | |
| Autoignition temperature | Not Available | |
| Decomposition temperature | Not Available | |
| Kinematic viscosity | Not Available | |
| Dynamic viscosity | Not Available | |
| Explosive properties | Not Available | |
| Oxidizing properties | Not Available | |

Other Information

| | |
|-------------------------|---------------|
| Softening point | Not Relevant |
| Molecular weight | Not Available |
| VOC Content (%) | >700 g/L |
| Density | Not Available |
| Bulk density | Not Available |

10. STABILITY AND REACTIVITY

Reactivity

Not Available

Chemical stability

Stable.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

Conditions to avoid

Extremes of temperature and direct sunlight. Heat, flames and sparks.

Incompatible materials

Keep away from strong oxidizing agents, strong alkalis, and strong acids.

Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions, carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

| | |
|---------------------|--------------------------------------|
| Inhalation | Direct contact and vapor inhalation. |
| Eye contact | Direct contact. |
| Skin contact | Direct contact. |
| Ingestion | Direct contact. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------|-------------------|-------------------------|-------------------------------------|
| Polymeric Diphenylmethane | = 49 g/kg (Rat) | > 9400 mg/kg (Rabbit) | = 490 mg/m ³ (Rat) 4 h |

| | | | |
|--|---|-----------------------|--|
| Diisocyanate (pMDI) 9016-87-9 | | | |
| Petroleum naphtha, light aromatic 64742-95-6 | - | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h = 3400 ppm (Rat) 4 h |
| 4,4'-Diphenylmethane Diisocyanate (MDI) 101-68-8 | = 31600 mg/kg (Rat) = 9200 mg/kg (Rat) | - | = 369 mg/m ³ (Rat) 4 h |

Information on toxicological effects

Symptoms May cause drowsiness or dizziness if inhaled. May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Irritating to skin.
Serious eye damage/eye irritation Irritating to eyes. Risk of serious damage to eyes.
Irritation Irritating to eyes, respiratory system and skin.
Sensitization No data available.
Germ cell mutagenicity No data available.
Carcinogenicity Transparent Liquid.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--|-------|---------|-----|------|
| Polymeric Diphenylmethane Diisocyanate (pMDI) 9016-87-9 | - | Group 3 | - | - |
| 4,4'-Diphenylmethane Diisocyanate (MDI) 101-68-8 | - | Group 3 | - | - |

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)
Hazardous*

Reproductive toxicity Not Available.
STOT - single exposure Not Available.
STOT - repeated exposure Not Available.
Aspiration hazard Not Available.

Numerical measures of toxicity - Product Information**12. ECOLOGICAL INFORMATION**

Material is expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Ecotoxicity

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|----------------------|---|---------------------------------------|
| Petroleum naphtha, light aromatic 64742-95-6 | - | 9.22: 96 h Oncorhynchus mykiss mg/L LC50 | 6.14: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No data available.

Bioaccumulation

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT
Marine pollutant UN1263, PAINT RELATED MATERIAL, 3, II
 Material is expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

| | |
|----------------------|-----------------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Does not comply |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

Legend:

All ingredients are on the inventory or fall under the polymer exemption or are on the no longer polymer list.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | No |
| Fire hazard | - |
| Sudden release of pressure hazard | - |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40

CFR 122.42)

CERCLA

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--|--------------------------|----------------|--|
| 4,4'-Diphenylmethane Diisocyanate (MDI) 101-68-8 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations**U.S. EPA Label Information****16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

| | | | | |
|--------------------|------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 2 | Flammability 1 | Instability 0 | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 2 | Flammability 1 | Physical hazards 0 | Personal protection X |

Issue Date 26-May-2015

Revision Date 29-May-2015

Revision Note

No data available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a 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.

End of Safety Data Sheet