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1. Chemical Product And Company Identification

Manufacturer: METOP ENDÜSTRİYEL ZEMİNLER İNŞAAT SANAYİ TİCARET LİMİTED ŞİRKETİ.

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Prepared by ; Technical department
Trade Name: ; GENEX MP 120
Product Use ; Expansion Joint Filler

2. Composition, Information On Ingredients

Ingredient(s)	CAS No	Weight (%)
Polyol (Comp A)	25214-63-5	%15- 42
MDI (Comp.B)	9016-87-6	% 1-8

3. Hazards Identification

Eye contact: Can cause severe irritation, pain, swelling and burns. Exposure may cause corneal injury.

Skin contact: Direct contact may cause an allergic reaction in susceptible individuals. Prolonged / repeated exposure may cause skin irritation and may stain skin. Contact may also result in skin sensitisation.

Inhalation: Excessive inhalation of mist/vapours may result in respiratory track irritation. May cause signs of nervous system depression. (e.g., drowsiness, dizziness, loss of coordination and fatigue.) Coughing and chest pain may result.

Ingestion: Slightly toxic by ingestion. Ingestion may result abdominal pain, vomiting and diarrhoea.

Sign and symptoms: Symptoms of eye irritation include pain, tearing, and reddening. Symptoms of skin irritation include reddening, swelling, rash and redness. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, and diarrhoea.

4. First Aid Measures

Eye contact: Immediately flush eyes with water for at least ten minutes while holding eyelids open. Seek prompt medical attention.

Skin contact: Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water (DO NOT use solvents or thinners). If irritation or redness develops and persists, seek medical attention.

Inhalation: If symptoms develop, immediately move individual away from exposure and in to fresh air. Seek immediate medical attention; if individual is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Ingestion: Do not induce vomiting. Dilute with liquid unless the victim is unconscious or very drowsy. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration in to lungs. Seek medical attention.

5. Fire Fighting Measures

Extinguishing media: Water spray, Carbon dioxide, dry chemical.

Personal protective equipment: Self - contained breathing apparatus. Protective clothing.

6. Accidental Release Measures

Personal Precautions: Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing. Eliminate all ignition sources such as flares, flames including pilot lights, electrical sparks. Use ventilation as required to control vapour concentrations. If exposure exceeds use appropriate respirator.

Environmental Precautions: Shut off source of leak only if safe to do so. Contain area of spill to prevent spreading. Prevent run-off to sewers, streams, or other bodies of water

Clean up: Large spills: Evacuate the hazard area of unprotected personnel. Pump contained liquid in to salvage tank. Remaining liquid may be absorbed with inert material such as sand, clay, earth and shovelled in to containers with non-sparking tools.

Small spills: Take up with absorbent material and place in non-leaking containers. Seal tight for proper disposal.

7. Handling And Storage

Handling: Avoid direct contact with this material. "Empty" containers may hold hazardous product residues. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Vapours are heavier than air and tend to remain close to the ground. Vapours may form explosive mixtures with air. Use non-sparking blowers or ventilation facilities to remove potential explosive or toxic accumulations.

Storage: Keep container tight and upright to prevent leakage. Keep container closed when not in use. Store between 10 - 35 °C in a cool and dry area, away from ignition sources. Do not smoke - Do not weld on or near this container.

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8. Exposure Controls, Personal Protection

Respiratory protection / ventilation: Use only with adequate ventilation. Maintain continuous flow of fresh air. Do not breath vapours, spray mists or sanding dusts. Use air-purifying respirators feeded with organic vapour cartridge only if air monitoring of the work area demonstrates solvent and particulate levels do not exceed the respirator maximum use concentration. Engineering or administrative controls should be implemented to reduce exposure. Paint spray boots, local exhaust, and general exhaust systems are advisable to minimise exposure.

Personal protective equipment: Use protective equipment to prevent contact with eyes, skin, or clothing. Skin irritation hazard persists after product is completely cured. Use solvent resistant safety eye ware with splash guards. Nitrile, or natural rubber gloves typically used to protect from minor contact. For prolonged contact neoprene gloves are better and butyl are best. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

9. Physical and Chemical Properties

Physical State : Liquid (High Viscosity)	Density : 1.4-1,5 gr/cm ³
Odour : Slight	Volume Solid (%) :
Colour : Various Colours	Vapour Density :
Flash Point : Not applicable	Solubility : Insoluble in water.
PH : Not applicable	VOC : ≤ 1

10. Stability and Reactivity

Conditions to avoid and incompatibilities : Product is stable , Reaction with water content active hydrojen , Amines Oxidising Agents.

Hazardous decomposition products : There is no any decompositions known's

Polymerisation : Under Normal storage, no any polymerisations , Will not occur by itself, amines will cause irreversible polymerisation.

11. Toxicological information

Acute Oral Toxicity ; LD50 Rat ≥ 15 000 mg Rat
Acute Termal Toxicity ; LC 50 490 mg/m3
No additional toxicological data available. Please refer to 2 & 3

12. Ecological Information

Avoid subsoil penetration ,Prevent product from entering drains, Do not contaminate surface water ,
No toxicological data available for this product. Prevent run-off to sewers, streams, or other bodies of water

13. Disposal Considerations

Observe local regulations regarding proper disposal .Empty containers can be landfilling after cleaning when in compliance with the Enviromental protection (Duty Of care) Regulations 1991

14. Transport Information

ADR	The product is not covered by international regulation on the transport of dangerous goods				
RID	The product is not covered by international regulation on the transport of dangerous goods				
IMDG	The product is not covered by international regulation on the transport of dangerous goods				
IATA	The product is not covered by international regulation on the transport of dangerous goods				

15. Regulatory Information

Indication on danger :

Risk Phrases

R 10 Flammable
R 36 Irritating to eyes
R 42 May cause sensitization by inhalation

Safety Phrases

S 1/2 Keep locked up and out of the reach of childrens
S 23 Do not breathe gas/fumes etc
S 36 / 37 Wear suitable protective clothing and gloves
S 46 If swallowed , seek medical advice immediately

METOP

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MATERIAL SAFETY DATA SHEET

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16. Other Information

For industrial use only: This product is for use only by professional, trained personnel using proper equipment, and is not intended for sale to, or use by, the general public.

The information contained herein is information received from our raw material suppliers and other sources and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the used thereof. We assume no responsibility for injury from the use of this product described herein

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