



Safety Data Sheet Filling Compound

LAHX60

H2 Defender™ LAHX60

Section 1 - Identification of the Substance/Preparation and the Company/Undertaking

Manufacturer Information

Info-Gel, LLC

Unit 16, Annacotty Industrial Estate

Annacotty Co. Limerick IRELAND

Info-Gel, LLC

231 IF Distribution Center Drive

Charlotte, North Carolina 29267 USA

Phone: +1 704.599.5770

Fax: +1 704.599.4399

Contact: Info-Gel Sales

Email: sales@info-gel.com

Section 2 - Composition / Information on Ingredients

EC #	Component	Percent	Symbols	Risks
CAS	Hydrogenated poly internal olefin 172201-14-8	85-95		
—	Silicium dioxide 7631-96-9	2-5		
—	Octadecyl 3',5'-di-tert-butyl-4'- hydroxyhydrocinnamate 2082-79-3	0-1		
—	Hydrocarbon Polymer 68648-89-5	8-13		

Dangerous Components

Not relevant

Additional Information

For wording of the listed risk phrases refer to section 16

Section 3 - Hazards Identification

Human and Environmental Hazards

None

Section 4 - First Aid Measures

First Aid: Eyes

Irrigate copiously with clean water for a least 15 minutes, holding the eyelids apart. Remove contact lenses.

Obtain medical attention.

First Aid: Skin

Remove contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognised skin cleaner.

Do NOT use solvents or thinners.

First Aid: Ingestion

Do NOT induce vomiting. Obtain medical attention.

First Aid: Inhalation

None necessary.

Section 5 - Fire Fighting Measures

General Fire Hazards

Exposure to hazardous decomposition products may cause a health hazard. Fire will produce dense black smoke.

Hazardous Combustion Products

Exposition to high temperatures may produce hazardous decomposition products such as: carbon dioxide, carbon monoxide and smoke.

Extinguishing Media

Alcohol resistant foam, CO₂, powders, water spray. For safety reasons unsuitable extinguishing agent: Water Jet

Fire Fighting Equipment/Instructions

Exposure to hazardous decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Collect run-off from fire fighting.

Section 6 - Accidental Release Measures

Containment Procedures

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container according to local regulations.

Clean-Up Procedures

Clean preferably with a detergent. Avoid use of solvents.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

Special Procedures

If the product contaminates rivers and lakes or sewages, inform respective authorities. Do not allow to enter drains.

Section 7 - Handling and Storage

Handling Procedures

Avoid inhalation of vapour. Smoking, eating, and drinking should be prohibited in application area. For personal protection, see Section 8. Comply with health and safety at work laws. Avoid concentrations higher than the occupational exposure limits (see Section 8), if applicable.

Storage Procedures

Keep container tightly closed. No smoking. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from foodstuffs. Store away from oxidising agents. Store in accordance with the particular national regulations concerning water pollution. Always keep in containers of the same material as the original one. Store in a dry, well ventilated place. Keep away from heat and direct sunlight.

Specific Use

Filler/Extender

Section 8 - Exposure Controls / Personal Protection

Engineering Controls

If relevant apply technical measures to comply with the occupational exposure limits. This can be achieved by a good general extraction and if practically feasible, by the use of a local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Use safety eyewear designed to protect against splash of liquids.

Personal Protective Equipment: Skin

For prolonged or repeated contact, use gloves. Barrier creams may help to protect the exposed areas of the skin, they should however, not be applied once exposure has occurred. The glove material has to be impermeable and resistant to the product/the substance/ the preparation. All parts of the skin should be washed after contact. Working clothes must not consist of textiles which would show a dangerous melting behavior in case of fire.

Material for gloves: Applicable for example are gloves of KCL GmbH, D36124 Eichenzell. Email: vertrieb@kcl.de with following specification (Laboratory test according EN 374)

Section 8 - Exposure Controls / Personal Protection (continued)

Recommended Protective Glove:

Article	Name	Material	Thickness Material	Breakthrough Time	Remarks
Nr. 730	Camatril Velours	Nitril	0.4mm Level 6	>480 min. by full contact	
Nr. 743	Dematril	Nitri	0.2mm Level 2	>30 min. by splash contact	

This recommendation is only for the product delivered by us and its intended purpose. The exact break-through time has to be found by the manufacturer of the protective gloves and has to be observed.

Eye Protection:

Use safety eyewear designed to protect against splash of liquids.

Body Protection

All parts of the skin should be washed after contact. Working clothes must not consist of textiles which would show a dangerous melting behavior in case of fire.

Section 9 - Physical & Chemical Properties

Form:	Liquid	Odor:	Characteristic
Color:	Black	Flash point:	>200°C
Ignition Temperature:	>300°C	Self-inflammability:	Product is not self-igniting
Danger of Explosion:	Product is not explosive	Density at 20°C:	0.82 g/cm ³
Solubility in/ Miscibility with water:	Partly or not miscible		

Section 10 - Chemical Stability & Reactivity Information

Thermal Decomposition / Conditions to be Avoided

Stable under recommended storage and handling conditions

Materials to be Avoided

Keep well away from oxidising agents and strongly alkaline or strongly acid materials in order to avoid exothermic reactions.

Dangerous Products of Composition

Exposition to high temperatures may produce hazardous decomposition products such as: carbon dioxide, carbon monoxide and smoke.

Section 11 - Toxicological Information

Toxicological Information

The Preparation is classified according to the conventional method (calculation method of the EC- directive 1999/45/EC). Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in skin dryness. The product may be absorbed through the skin. The liquid splashed in the eyes may cause irritation and irreversible damage.

Section 12 - Ecological Information

Ecological Information

The product should not be allowed to enter water courses or soil.

Section 13 - Disposal Considerations

Product Recommendation

Do not allow to enter drains.

European Waste Catalogue

13 08 99 wastes not otherwise specified.

Uncleaned Packagings:

Recommendation: Not orderly emptied cans and ink remnants are special waste.

Section 14 - Transportation Information

IATA Information

Shipping Name: Not Regulated

ICAO Information

Shipping Name: Not Regulated

IMDG Information

Shipping Name: Not Regulated

Section 15 - Regulatory Information

EU MARKING AND LABELLING:

Symbol(s):

Not Classified

Risk Phrases:

None

Safety Phrases:

None

A: General Product Information

None

B: Substance Analysis - Inventory

Component/CAS	EC #	EEC	CAN	TSCA
Alkenes, C15-16, polyimd., hydrogenated 172201-14-8	—	No	NDSL	Yes
Benzene, ethenyl-, polymer with 2-methyl-1,3- butadiene, hydrogenated 68648-89-5	—	No	DSL	Yes
Silica, amorphous 7631-86-9	—	EINECS	DSL	Yes
Octadecyl 3-(3',5'-di-tert-butyl-4'- hydroxyphenyl)propionate 2082-79-3	—	EINECS	DSL	Yes

Section 16 - Other Information

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; AS = Standards Australia; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Domestic Substances List; EEC = European Economic Community; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EU = European Union; HMIS = Hazardous Materials Identification System; IARC = International Agency for Research on Cancer; IMO = International Maritime Organization; IATA = International Air Transport Association; MAK = Maximum Concentration Value in the Workplace; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Association; NOHSC = National Occupational Health & Safety Commission; NTP = National Toxicology Program; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substances Control Act; TWA = Time Weighted Average

Other Information

The information on this Safety Data Sheet is based on the present state of our knowledge and on current EU and national laws. The user's working conditions are beyond our knowledge and control. It is always the responsibility of the user to take all necessary steps in order to fulfill the demands laid in the local rules and legislation. The information in this Safety Data Sheet is meant as a description of the safety requirements of our product. It is not to be considered as a guarantee of the product's properties.