

Safety Data Sheet

acc. To OSHA HCS

Revision Date: 11/23/2015

1 Identification

Product Identifier Plexgard®

Article number:

Relevant Identified uses of the substance or mixture and uses advised against No further relevant information available

Application of the substance / the mixture

Details of the supplier of the safety data sheet

Manufacturer/Supplier Lambert Corporation
20 Coburn Ave. Orlando, FL 32805
(407) 841-2940

Emergency Telephone Number: (800) 424-9300 - Chemtrec

Information Department: Environmental, Health, and Safety department

2 Hazard(s) Identification

Classification of the substance or mixture The product is not classified according to the Globally Harmonized System (GHS)

Label Elements Void

GHS label elements Void

Hazard Pictograms Void



GHS07

Signal Word Warning

Hazard Statements

May cause skin irritation.

May cause eye irritation.

Classification system:

HMIS ratings (scale 0 - 4)

HEALTH	1	Health = 1
FIRE	0	Fire = 0
PHYSICAL HAZARD	0	Reactivity = 0

Other Hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3 Composition/Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions

Dangerous Components:

1317-65-3 Calcium Carbonate CaCO₃

7631-86-9 Silicon Dioxide SiO₂

13463-67-7 Titanium Dioxide TiO₂

57-55-6 Propylene Glycol

025265-77-4 2,2,4-trimethyl-1,1,3-pentanediol monoisobutyrate

Additional information : For the wording of the listed risk phrases refer to section 16.

4 First-Aid Measures

Description of first aid measures

After Inhalation: Supply fresh air; consult doctor in case of complaints

After Skin Contact: Rinse with soap and water, if irritation persists or develops seek medical attention.
If skin irritation continues, consult a doctor

After Eye Contact: Immediately wash the eyes with large amounts of water, being sure to lift upper and lower lids. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor

After Swallowing: If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed: No further information available

Indication of any immediate medical attention and special treatment needed: No further information available

5 Fire-Fighting Measures

Extinguishing media:

Suitable extinguishing agents: CO₂, extinguishing powder. Fight larger fires with water spray or alcohol resistant foam

Special hazards arising from the substance or mixture: No further relevant information available

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Environmental procedures: *Do not allow product to reach sewage system or any water course.*

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections:

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and Storage

Precautions for safe handling: *Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.*

Information for protection against explosions and fires: *No special measures required*

Conditions for safe storage, including any incompatibilities:

Storage:

Requirements to be met by storerooms and receptacles: *Store in a cool dry location*

Information about storage in one common storage facility: *Store away from incompatible materials.*

Further information about storage conditions: *None*

Specific end use(s): *N/A*

8 Exposure Controls/Personal Protection

Additional information about design of technical systems: *N/A*

Control parameters:

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Additional information: *The lists that were valid during the creation were used as basis*

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed

Breathing equipment *Not required*

Protection of hands:



Protective Gloves

Material of gloves: Nitrile Rubber

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

Eye protection: Wear appropriate eye protection to prevent eye contact.

9 Physical and Chemical Properties

Information of basic physical and chemical properties

General information

Appearance:

Form: Liquid

Color: Milky White

Odor: Ammonia

Odor threshold: Not determined

pH- value: Not determined

Change in condition:

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

Flash point: Not applicable

Flammability (solid, gaseous): Not applicable

Ignition temperature::

Decomposition temperature: Not determined

Auto igniting: Not self-igniting

Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

Explosion limits:

Lower: Not determined

Upper: Not determined

Vapor pressure at 20 °C (68 °F): Not determined

Density at 20 °C (68 °F) 1.008 g/cm³ (8.412 lbs/gal)

Relative density: Not determined

Vapor density: Not determined

Evaporation rate: Not determined

Solubility in / Miscibility with Water: Not miscible or difficult to mix

Partition coefficient (n-octanol/water)	<i>Not determined</i>
Viscosity:	
Dynamic:	<i>Not determined</i>
Kinematic:	<i>Not determined</i>
Solvent content:	
Organic solvents:	
Solids content:	<i>>20%</i>
Other information:	<i>None</i>
Volatile organic compounds:	<i>Not determined</i>

10 Stability and Reactivity

Reactivity:

Chemical stability:

Thermal decomposition / Conditions to be avoided: *No decomposition if used according to specifications.*

Possibility of hazardous reactions: *No dangerous reactions known.*

Conditions to avoid: *Keep away from heat and sources of ignition*

Incompatible materials: *No further relevant information available*

Hazardous decomposition products: *No dangerous decomposition products known*

11 Toxicological Information:

Information on toxicological effects:

Acute toxicity:

Primary irritant effect:

on the skin: *May cause skin irritation*

on the eye: *May cause eye irritation.*

Sensitization: *A component of this product may cause skin sensitization*

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients listed.

NTP (National Toxicology Program)

None of the ingredients listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients listed.

12 Ecological Information

Toxicity:

Aquatic toxicity: *No further relevant information available.*

Persistence and degradability: *No further relevant information available.*

Bioaccumulative potential: *No further relevant information available.*

Mobility in soil: *No further relevant information available.*

Remark: *Harmful to fish*

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Results of PBT and vPvB assessment:

PBT: *Not applicable*

vPvB: *Not applicable*

Other adverse effects: *No further relevant information available.*

13 Disposal Considerations

Waste treatment methods:

Recommendation: *Must not be disposed of as normal garbage. Do not allow product to reach sewage system. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.*

Uncleaned packagings:

Recommendation: *Disposal must be made according to Federal, State, and Local regulations*

14 Transport Information

UN-Number:

DOT, ADR, IMDG, IATA: *N/E*

UN proper shipping name:

ADR *N/E*

Transport hazard class(es):

DOT, ADR, IMDG, IATA:

Class:	N/A
Packing group:	
DOT, ADR,	III
Environmental hazards:	
Marine pollutant:	No
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
Transport/Additional information:	
ADR:	
U.S. Domestic Ground Shipments:	Same as listed for Standard Shipments above
U.S. Domestic ground Non-Bulk (119 gal or less per container) Shipments:	Same as listed for Standard Shipments above
Emergency Response Guide (ERG) Number:	Not determined
UN "Model Regulation":	N/E

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Sara:

Section 355 (extremely hazardous substances): None of the ingredients listed.

Section 313 (Specific toxic chemical listings): This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below

7664-41-7 Ammonia, anhydrous

TSCA (Toxic Substances Control Act):

All ingredients are listed

Proposition 65:

Chemicals known to the State of California (Prop. 65) to cause cancer:

None of the ingredients listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients listed.

Chemicals known to cause developmental toxicity:

None of the ingredients listed.

Carcinogenicity categories:

EPA (Environmental Protection Agency):

None of the ingredients listed.

TLV (Threshold Limit Value established by ACGIH):

None of the ingredients listed.

MAK (German Maximum Workplace Concentration):

None of the ingredients listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients listed.

GHS label elements: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other Information

Department issuing MSDS: Environmental, Health & Safety Department

Contact: Environmental, Health & Safety Manager

Date of preparation / Last revision: 11/23/2015/

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)