

SAFETY DATA SHEET



Hostacom TRC 364NA 8Q97 GING BEIGE

Gen. Variant: SDS_US

Version 1.0

Revision Date 05/05/2014

Print Date 01/05/2015

SDS No.: BE1970

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Hostacom TRC 364NA 8Q97 GING BEIGE
CAS Number: Mixture
Chemical Name : Compounded polyolefin
Synonyms : TRC 364NA 8Q97 Ging Beige, Polyolefin, Compounded polymer

Product Use Description : Manufacture of plastic articles by injection moulding, extrusion or other conversion process.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

This material is NOT HAZARDOUS by OSHA Hazard Communication definition.

CAUTION.

Physical state : solid
Color : beige

Odor : No Data Available.

Hazard Summary : Dust may form explosive mixtures with air.
At process temperatures irritating fumes may be produced.
Molten polymer may cause thermal burns.
Slipping hazard if spilled on hard smooth walking surface.
The material can accumulate static charges which could be a source of ignition.

Potential Health Effects

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- Primary Routes of Entry : Eye.
Inhalation.
Skin.
- Aggravated Medical Condition : No known conditions are aggravated by this material.
- Inhalation : Inhalation of process fumes and vapors may cause soreness in the nose and throat and coughing. "Nuisance dust" such as polymer dust typically exhibit no significant health effect when they are reasonably controlled. Exposure to high concentrations of dust may cause slight irritation by mechanical action.
- Skin : Molten polymer may cause thermal burns.
- Eyes : Mechanical irritation is possible.
- Ingestion : Ingestion not a likely route of exposure.
- Chronic Exposure : No known chronic health effects.
- Symptoms of Overexposure : Inhalation of process fumes and vapors may cause soreness in the nose and throat and coughing.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Component	CAS-No.	Weight %
Proprietary blend of polyolefinic polymers	Mixture	50.0 - 80.0 %

Contains: Additives, stabilizers and fillers

SECTION 4. FIRST AID MEASURES

First aid procedures

- General advice : Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
Avoid breathing fumes that may be generated during the processing and heating of this material.
In case of excessive inhalation of fumes move the person to fresh air. Call for medical help.
Keep person warm, if necessary give mouth-to-mouth resuscitation, or artificial respiration.

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- In case of skin contact : If molten material contacts the skin, immediately flush with large amounts of water to cool the affected tissue and polymer.
Obtain immediate emergency medical attention if burn is deep or extensive.
- In case of eye contact : Flush eyes thoroughly with water for several minutes and seek medical attention if discomfort persists.
- In case of eye contact with molten polymer:
Continuously flush eye(s) with cool running water for at least 15 minutes.
Immediately seek medical attention.
- If swallowed : Adverse health effects due to ingestion are not anticipated.
Get medical advice/ attention if you feel unwell.

Notes to physician

- Symptoms : Inhalation of process fumes and vapors may cause soreness in the nose and throat and coughing.
- Hazards : Dust contact with the eyes can lead to mechanical irritation.
Molten polymer may cause thermal burns.
- Treatment : Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

- Flash point : Not applicable.
- Autoignition temperature : > 572 °F (300 °C)
- Lower explosion limit : Not applicable.
- Upper explosion limit : Not applicable.

Fire fighting

- Suitable extinguishing media : SMALL FIRE: Use dry chemical, CO2, water spray or regular foam
LARGE FIRE: Use water spray, water fog or foam. DO NOT use straight streams
- Unsuitable extinguishing media : High volume water jet
- Further information : Not normally combustible, but will decompose under fire conditions.
Fight fire from maximum distance or use unmanned hose

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holders or monitor nozzles.
Heat from fire may melt, decompose polymer, and generate flammable vapors.
Move containers from fire area if it can be done without risk.
Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
Always stay away from tanks engulfed in fire.
Cool containers with flooding quantities of water until well after fire is out.

Protective equipment and precautions for firefighters

Specific hazards during fire fighting : Keep away from heat and sources of ignition.
In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide, carbon dioxide and unburned hydrocarbons.

Special protective equipment for fire-fighters : Wear an approved positive pressure self-contained breathing apparatus and firefighter turnout gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Equip responders with proper protection.
Potential combustible dust hazard.
Avoid generating dust.
Creates dangerous slipping hazard on any hard smooth surface.

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods for containment / Methods for cleaning up : On land, sweep/shovel into suitable disposal containers or vacuum using equipment which avoids ignition risk.
On water, material is insoluble; collect and contain as any solid.
All recovered material should be packaged, labeled, transported and disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible.

SECTION 7. HANDLING AND STORAGE

Handling

Advice on safe handling : Avoid dust accumulation in enclosed space.
Use dust collection systems to avoid dust accumulation.
Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Static discharge (spark), or other ignition sources, in high dust environments may ignite the dust and result in a deflagration.
Electrostatic charge may build up during handling. Equipment

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should be grounded and bonded.
Metal containers involved in the transfer of this material should be grounded and bonded.
All electrical equipment should be grounded and conform to applicable electric codes and regulatory requirements.
Material creates dangerous slipping hazard on hard surfaces. After handling, always wash hands thoroughly with soap and water.
When bringing the material to processing temperatures gases might develop. See section 10.

Storage

Requirements for storage areas and containers

: Store in a dry location.
Use good housekeeping practices during storage, transferring and handling. Process enclosures and adequate ventilation should be used to avoid excessive dust accumulation.
Store away from excessive heat and away from strong oxidizing agents.
Keep container closed to prevent contamination.
Take measures to prevent the build up of electrostatic charge.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value	Control parameters	Update	Basis
Materials that can be formed when handling this product: Non-specified (inert or nuisance) dust		TWA	10 mg/m3	2005	US (ACGIH)
Further information		inhalable			
Materials that can be formed when handling this product: Non-specified (inert or nuisance) dust		TWA	3 mg/m3	2005	US (ACGIH)
Further information		respirable			

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Materials that can be formed when handling this product: Non-specified (inert or nuisance) dust		TWA	15 mg/m3	2005	US (OSHA)
Further information		total dust			
Materials that can be formed when handling this product: Non-specified (inert or nuisance) dust		TWA	5 mg/m3	2005	US (OSHA)
Further information		respirable			

Engineering measures

Engineering measures : Follow the recommendations in NFPA 654 for equipment used to handle this product.

Engineering controls, preferably enclosed systems, should be used whenever feasible to maintain exposures below acceptable criteria. When such controls are not feasible, or sufficient to achieve full conformance, other engineering controls such as local exhaust ventilation should be used. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment.

Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Personal protective equipment

Eye protection : Dust service goggles should be worn to prevent mechanical injury or other irritation to eyes due to airborne particles which may result from handling this product.

Hand protection : Wear heat protective gloves and clothing if there is a potential for contact with heated material.

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- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Use appropriate respiratory protection where atmosphere exceeds recommended limits.
- Hygiene measures : Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards and/or potential hazards that may be encountered during use.
Use good personal hygiene practices.
Wash hands before eating, drinking, smoking, or using toilet facilities.
Take off contaminated clothing and wash before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Physical state : solid
- Color : beige
- Odor : No Data Available.

Safety data

- Flash point : Not applicable.
- Lower explosion limit : Not applicable.
- Upper explosion limit : Not applicable.
- Flammability (solid, gas) : Polymer will burn but does not easily ignite.
- Oxidizing properties : Not considered an oxidizing agent.
- Autoignition temperature : > 572 °F (300 °C)
- pH : Not applicable.
- Melting point/range : 122 - 338 °F (50 - 170 °C)
- Boiling point/boiling range : Not applicable.
- Vapor pressure : Not applicable.
- Density : > 1 g/cm3

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Water solubility : Insoluble.

Partition coefficient: n-octanol/water : No Data Available.

Viscosity, dynamic : Not applicable.

Relative vapor density : No Data Available.

Evaporation rate : Not applicable.

Explosive properties : Not explosive

: Polymer dust particles in the atmosphere are combustible and may be explosive.

Remarks - Other information : No additional information available.

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

Materials to avoid : Material may be softened by some hydrocarbons.

Thermal decomposition : Carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be formed.

Hazardous reactions : Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity : Not classified

Acute inhalation toxicity : Not classified

Acute dermal toxicity : Not classified

Skin corrosion/irritation : Not a skin irritant.

Serious eye damage/eye irritation : Not an eye irritant.
Mechanical irritation is possible.

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Respiratory or skin sensitization : Not classified

Chronic toxicity

Component Name	NTP	IARC	OSHA
Titanium Dioxide		2B	Present

Carcinogenicity : Contains a component which is considered to be a possible cancer-causing agent in humans.
This material is encapsulated in a thermoplastic resin with limited release under normal conditions of use, transportation, and storage.

Germ cell mutagenicity : Not classified

Reproductive toxicity

Effects on fertility / Effects on or via lactation : Not classified

Effects on Development : Not classified

Target Organ Systemic Toxicant - Single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Target Organ Systemic Toxicant - Repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard : Not applicable.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Bioaccumulation : This material is not expected to bioaccumulate.

Additional advice Environmental fate and pathways : This material is not volatile and insoluble in water.

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Biodegradability : Not expected to be biodegradable.

Further information on ecology

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

Results of PBT assessment

Not applicable.

Additional ecological information : Ecotoxicity is expected to be minimal based on the low water solubility of polymers.

No data available on this product. However, birds, fish and other wildlife may eat pellets which may obstruct their intestinal tracts.

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : All recovered material should be packaged, labeled, transported and disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible. Recycle if possible.

SECTION 14. TRANSPORT INFORMATION

Not regulated for transport

SECTION 15. REGULATORY INFORMATION

If identified components of this product are listed under the TSCA 12(b) Export Notification rule, they will be listed below.

SARA 302/304

This product contains no known chemicals regulated under SARA 302/304.

SARA 313

This product contains no known chemicals regulated under SARA 313.

State Reporting

This material may contain trace levels of the following chemical substance which is regulated under California Proposition 65. It is believed that this product presents "no significant risk" or likelihood of reaching the "maximum allowable dose" to the people of California. However, it is the responsibility of the California business owner to develop his or her own regulatory compliance plan. Contact Product

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Substance	CASRN	Type of Toxicity			
		Carcinogen	Developmental	Repro-Male	Repro-Female
1,4-Dioxane	123-91-1	X			
Ethylene Oxide	75-21-8	X	X	X	X

This product contains the following chemicals regulated by New Jersey's Worker and Community Right to Know Act:

14807-96-6 Talc, Magnesium Silicate
13463-67-7 Titanium Dioxide
1333-86-4 Carbon Black

This product contains the following chemicals regulated by Massachusetts' Right to Know Law:

14807-96-6 Talc, Magnesium Silicate
13463-67-7 Titanium Dioxide
1333-86-4 Carbon Black

This product contains the following chemicals regulated by Pennsylvania's Right to Know Act:

14807-96-6 Talc, Magnesium Silicate
13463-67-7 Titanium Dioxide
1333-86-4 Carbon Black

Other international regulations

Global Inventory Status

The ingredients of this product are compliant with the following chemical inventory requirements or exemptions.

*Additional Explanatory Status Statements follow the table, as necessary.

Country/Region	Inventory	Status Description
Australia	AICS	Compliant
Canada	DSL	Compliant
China	IECSC	Compliant
Europe	REACH	See REACH Compliance Statement
Japan	ENCS	Compliant
Korea	KECI	Compliant
New Zealand	NZIoC	Not Compliant
Philippines	PICCS	Compliant
United States of America	TSCA	Compliant

REACH status

If the product has been purchased from any company of the LyondellBasell group of companies registered in the European Union, we confirm that all substances in this preparation have been pre-registered or, where required under REACH, registered, and that we have the intention to proceed with their registration in accordance with the deadlines set forth in REACH. (Regulation (EU) No. 1907/2006)

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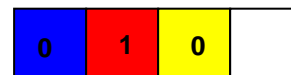
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SECTION 16. OTHER INFORMATION

Further information

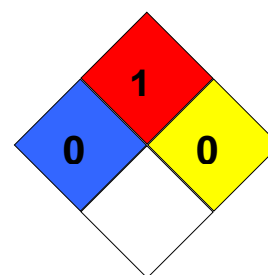
HMIS Classification

: Health Hazard: 0
Flammability: 1
Physical hazards: 0



NFPA Classification

: Health Hazard: 0
Fire Hazard: 1
Instability: 0



Material safety datasheet sections which have been updated:

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- (ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: U.S. FDA Class II medical devices; Health Canada Class II or III medical devices; European Union Class II medical devices; or any equivalent U.S. FDA, Health Canada, or European Union regulations pertaining to medical devices; packaging in direct contact with a pharmaceutical active ingredient and/or dosage form; and tobacco-related

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