

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

Print Date 01/07/2022

SDS No.: BE13387

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name : Hostacom TRC 2083N NA C12334 BLK
 CAS Number: : Mixture
 Chemical name : Compounded polyolefin
 Synonyms : Polyolefin, Compounded polymer

Identified uses : Manufacture of plastic articles by injection molding, extrusion or other conversion process.

Prohibited uses : Automotive - Air bag unit housing; Automotive - Seat belt mechanisms; Automotive - Brake systems (brake mechanisms, handbrake systems, brake fluid tanks); Automotive - Pedals (brake, gas, clutch); Automotive - Steering mechanisms
 FDA Class III medical devices; European class III medical devices; Health Canada class IV Medical Devices;
 Applications involving permanent implantation into the body;
 Life-sustaining medical applications

Company Address

Equistar Chemicals, LP
 LyondellBasell Tower, Suite 300
 1221 McKinney St.
 P.O. Box 2583
 Houston Texas 77252-2583

Company Telephone

Customer Service 888 777-0232
 product.safety@lyb.com

Emergency telephone number

LYONDELL 800-245-4532

E-mail address : product.safety@lyb.com
 Responsible/issuing person

2. HAZARDS IDENTIFICATION

GHS Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Label elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Other hazards

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

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SDS No.: BE13387

If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Ingredients

Chemical name	CAS-No.	Weight %
Proprietary blend of polyolefinic polymers	Mixture	80.0 - 100.0 %

Contains: Additives, stabilizers and fillers

4. FIRST AID MEASURES

- 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.
In case of excessive inhalation of fumes that may be generated during heating of this material, move the person to fresh air. Obtain medical attention.
Keep person warm, if necessary give Cardio-Pulmonary Resuscitation (CPR)
- 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. Do not attempt to peel polymer from skin as this will remove the skin.
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.
Beyond flushing, DO NOT attempt to remove the material adherent to the eye(s).
Immediately seek medical attention.
- If swallowed : Adverse health effects due to ingestion are not anticipated.

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

Print Date 01/07/2022

SDS No.: BE13387

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Equip responders with proper protection.
 Creates dangerous slipping hazard on any hard smooth surface.
 Equip emergency responders with proper personal protective equipment (PPE)
 Avoid generating dust.
 Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
 Potential combustible dust hazard.
 Polymer particles create slipping hazard on hard smooth surfaces.

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.

7. Handling and storage

Precautions for safe handling

Advice on safe handling : Material is in a pellet form.
 If converted to small particles during further processing, handling, or by other means, may form combustible dust concentrations in air.
 Avoid dust accumulation in enclosed space.
 Use dust collection systems designed per NFPA 654 to avoid dust accumulation.
 Avoid generating dust; fine dust suspended in air 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 dust explosion
 Electrostatic charge may build during conveying or handling.

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

Print Date 01/07/2022

SDS No.: BE13387

Equipment handling polymer should be conductive and grounded (earthed) and bonded.
 Metal containers involved in the transfer of this material should be grounded and bonded.
 All electrical equipment should conform to applicable electric codes and regulatory requirements for areas handling combustible dusts.
 After handling, always wash hands thoroughly with soap and water.
 When bringing the material to processing temperatures vapors may develop may condense in the exhaust ventilation. See section 10.
 Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

Conditions for safe storage, including any incompatibilities

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.

Specific end use(s)

: See Section 1.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Ingredients with workplace control parameters

Occupational Exposure Limits

Ingredients	CAS-No.	Type	Limit Value	Basis Revision Date	Additional Information
Materials that can be formed when handling this product: Non-specified (inert or nuisance) dust		TWA	10 mg/m3 inhalable	US (ACGIH) 2005	

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

Print Date 01/07/2022

SDS No.: BE13387

Materials that can be formed when handling this product: Non-specified (inert or nuisance) dust		TWA	3 mg/m3 respirable	US (ACGIH) 2005	
Materials that can be formed when handling this product: Non-specified (inert or nuisance) dust		TWA	15 mg/m3 total dust	US (OSHA) 2005	
Materials that can be formed when handling this product: Non-specified (inert or nuisance) dust		TWA	5 mg/m3 respirable	US (OSHA) 2005	

Consult local authorities for acceptable exposure limits.

Exposure controls

Engineering measures

Follow the recommendations in NFPA 654 (as amended and adopted) for equipment used to handle this product.

Engineering controls, i.e. 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.

Equipment and vessels handling combustible dust from this material should be designed to either prevent dust explosions (inerting) or safely vent dust explosions per NFPA 654

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

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. Where workers could be exposed to dust concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection : Wear gloves that provide thermal protection where there is a potential for contact with heated material.

Eye and face protection : Dust service goggles should be worn to prevent mechanical

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

Print Date 01/07/2022

SDS No.: BE13387

injury or other irritation to eyes due to airborne particles which may result from handling this product.

Skin and body protection : Wear suitable protective clothing.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Pellets.

Color : Black

Odor : Slight.

Odor Threshold : No value available.

Flash point : No Data Available.

Lower explosion limit : The minimum explosive concentration (MEC) for polymer dust varies according to particle size distribution.

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 : > 300 °C

Decomposition temperature : not determined

Melting point/range : 50 - 170 °C

Boiling point/boiling range : Not applicable.

Vapor pressure : Not applicable.

Density : > 1 g/cm3

Water solubility : Insoluble.

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

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SDS No.: BE13387

Partition coefficient: n-octanol/water : No Data Available.
 Viscosity, dynamic : Not applicable.
 Relative vapor density : Not applicable.
 Evaporation rate : Not applicable.
 Explosive properties : No Data Available.
 Other Information : No additional information available.

10. STABILITY AND REACTIVITY

Reactivity : No known reactivity hazards.
 Chemical stability : Stable under normal conditions.
 Hazardous reactions : Will not occur.
 Conditions to avoid : Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
 Materials to avoid : Material may be softened by some hydrocarbons.
 Hazardous decomposition products : Not expected to decompose under normal conditions.
 Thermal decomposition : Carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be formed.

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.

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

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SDS No.: BE13387

Respiratory or skin sensitization : Not classified

Chronic toxicity

Component Name	NTP	IARC	OSHA
Carbon Black		2B	

Carcinogenicity : Not classified

Contains component(s) listed by IARC as possibly carcinogenic to 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

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

SAFETY DATA SHEET



Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

Print Date 01/07/2022

SDS No.: BE13387

Persistence and degradability

Biodegradability : Not expected to be biodegradable.

Bioaccumulative potential

Bioaccumulation : This material is not expected to bioaccumulate.

Mobility in soil

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

Results of PBT and vPvB assessment

Not applicable.

Other adverse effects

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.

13. Disposal considerations

Waste treatment methods

Product : 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.

14. TRANSPORT INFORMATION

Not regulated for transport

15. REGULATORY INFORMATION

SAFETY DATA SHEET


Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

Print Date 01/07/2022

SDS No.: BE13387

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	Notification with volume restrictions*
Europe	REACH	See REACH Compliance Statement
Japan	ENCS	Compliant
Korea	KECI	Compliant
New Zealand	NZIoC	Compliant
Philippines	PICCS	Compliant
United States of America	TSCA	Compliant
Taiwan	TCSCA	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)

*This product contains a proprietary chemical substance for which a Notification with Volume Restrictions (NVR) has been submitted by a LyondellBasell affiliate and is valid only for such affiliate. The chemical substance is not listed on the latest version of the chemical inventory. All applicable restrictions under the NVR requirements apply. Contact Product Safety for additional information.

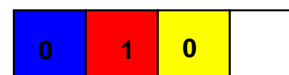
Contact product.safety@lyb.com for additional global inventory information.

16. OTHER INFORMATION**Material safety datasheet sections which have been updated:**

First Edition May 10 2017

HMIS Classification

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



SAFETY DATA SHEET


Hostacom TRC 2083NNA C12334 BLK

Gen. Variant: SDS_CA_GHS

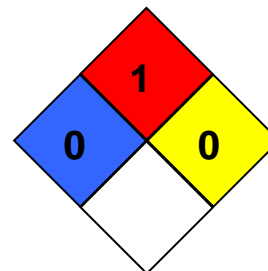
Version 1.0

Revision Date 05/10/2017

Print Date 01/07/2022

SDS No.: BE13387

NFPA Classification : Health Hazard: 0
Fire Hazard: 1
Instability: 0

**Further information**

HMIS rating scale (0 = minimal hazard; 4 = severe hazard)

NFPA rating scale (0 = minimal hazard; 4 = severe hazard)

Disclaimer

This document is generated for the purpose of distributing health, safety, and environmental data.

Information is correct to the best of our knowledge at the date of the SDS publication.

It is not a specification sheet nor should any displayed data be construed as a specification.

Before using a product sold by a company of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally.

SELLER MAKES NO WARRANTY; EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY) OTHER THAN AS SEPARATELY AGREED TO BY THE PARTIES IN A CONTRACT.

Users should review the applicable Safety Data Sheet before handling the product.

This product(s) may not be used in the manufacture of any of the following, without prior written approval by Seller for each specific product and application:

(i) U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices;

(ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;

(iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;

(iv) tobacco related products and applications, electronic cigarettes and similar devices.

The product(s) may not be used in:

(i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices;

(ii) applications involving permanent implantation into the body;

(iii) life-sustaining medical applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

In addition to the above, LyondellBasell may further prohibit or restrict the use of its products in certain applications. For further information, please contact a LyondellBasell representative.

Adflex, Adstif, Adsyl, Akoafloor, Akoalit, Alastian, Alathon, Aquathene, Avant, Catalloy, Clyrell,

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Gen. Variant: SDS_CA_GHS

Version 1.0

Revision Date 05/10/2017

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Product Information

HMIS rating scale (0 = minimal hazard; 4 = severe hazard) NFPA rating scale (0 = minimal hazard; 4 = severe hazard)

Numerical Data Presentation

The presentation of numerical data, such as that used for physical and chemical properties and toxicological values, is expressed using a comma (,) to separate digits into groups of three and a period (.) as the decimal marker. For example, 1,234.56 mg/kg = 1 234,56 mg/kg.

Language Translations

The information presented in this document has been translated from English by a vendor LyondellBasell believes to be reliable. LyondellBasell and its vendor have made a good-faith effort to verify the accuracy of the translation, but assume no liability or other responsibility for any errors that may have occurred. Please refer to our web site (www.lyondellbasell.com) for the original document written in English.

End of Material Safety Data Sheet