

SAFETY DATA SHEET

Date Issued : 09/30/2015
SDS No : 245773
Date Revised : 05/08/2018
Revision No : 2

Nordson Heat Conductive Paste

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Nordson Heat Conductive Paste
GENERAL USE: Processing aid for industrial applications
PRODUCT CODE: 245773

MANUFACTURER

enviro-blend, Inc.
P.O. Box 329
Springfield, TN 37172
Customer Service: 615-382-8215
E-Mail: enviroblend@birch.net

24 HR. EMERGENCY TELEPHONE NUMBERS

ChemTel (US, Canada Transportation) - 1-800-255-3924 (Contract # MIS1186925)

2. HAZARDS IDENTIFICATION

GHS LABEL

Non Hazardous

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Heavy black grease

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: Repeated or prolonged skin contact may cause skin irritation.

SKIN ABSORPTION: No data available.

INGESTION: No data available.

INHALATION: No data available.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: None

CARCINOGENICITY: Not a carcinogen.

MUTAGENICITY: No data available.

MEDICAL CONDITIONS AGGRAVATED: Ingestion may result in nausea, vomiting and or diarrhea. Pre-existing medical conditions of the skin may be aggravated by exposure to the material.

CANCER STATEMENT: Not classified as a human carcinogen.

SENSITIZATION: No data available.

COMMENTS: This product is not classified as dangerous according to Annex I of Directive 67/548/EEC and 1272 of the European Union.

3. COMPOSITION / INFORMATION ON INGREDIENTS

No components need to be disclosed according to the applicable regulations.

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water for at least 15 minutes; ensure water flushing of entire surface of eye and lid. Obtain medical attention if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Rinse mouth with water, consult a physician. Never give anything by mouth to an unconscious person.

SAFETY DATA SHEET

Date Issued : 09/30/2015

SDS No : 245773

Date Revised : 05/08/2018

Revision No : 2

Nordson Heat Conductive Paste

INHALATION: No treatment is necessary under normal conditions of use. If symptoms persist, obtain medical advice.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May cause slight eye irritation.

SKIN: Prolonged contact may produce oil acne/ dermatitis.

SKIN ABSORPTION: No data available.

INGESTION: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INHALATION: Not expected due to low vapor pressure.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Established

EXTINGUISHING MEDIA: Carbon dioxide, Dry chemical or Alcohol type foam.

HAZARDOUS COMBUSTION PRODUCTS: Hazardous decomposition products include carbon dioxide and carbon monoxide.

EXPLOSION HAZARDS: The material is not considered a potential fire and explosion hazard under normal operating conditions.

FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed containers.

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus with full face piece, operated in pressure demand or other positive pressure mode, and full protective clothing.

FIRE EXPLOSION: None Expected.

SENSITIVE TO STATIC DISCHARGE: None Expected.

SENSITIVITY TO IMPACT: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: Stop leak. Dike to contain spill, cover with inert absorbent material, sweep up and place in suitable container(s) for disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep spills and cleaning run-off out of municipal sewers and open bodies of water.

AIR SPILL: None Expected.

GENERAL PROCEDURES: Wear suitable gloves and safety or splash goggles. Remove contaminated clothing and wash before reuse, wash any affected skin areas with soap and water.

SPECIAL PROTECTIVE EQUIPMENT: See section 8

7. HANDLING AND STORAGE

HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Keep container tightly closed in a dry and well-ventilated area.

STORAGE TEMPERATURE: Store at ambient temperatures.

SHELF LIFE: 48 months from date of purchase.

SPECIAL SENSITIVITY: None known.

ELECTROSTATIC ACCUMULATION HAZARD: None known.

SAFETY DATA SHEET

Date Issued : 09/30/2015

SDS No : 245773

Date Revised : 05/08/2018

Revision No : 2

Nordson Heat Conductive Paste

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust is recommended when handling generated mists and vapors.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE:

Wear safety glasses or splash goggles.

SKIN: Wear impervious gloves.

RESPIRATORY: None required for normal operation. Use an approved respirator when exposure to vapors of mists is anticipated.

PROTECTIVE CLOTHING: Impervious clothing. The type of protective clothing must be selected according to the concentration and amount of the product handled at the specific workplace.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

OTHER USE PRECAUTIONS: There should be an eye wash close by.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Grease

APPEARANCE: Grease

COLOR: Black

PHYSICAL STATE COMMENTS: Heavy black grease

pH: NA = Not Applicable

PERCENT VOLATILE: negligible

FLASH POINT AND METHOD: > 204.4°C (400°F) estimated

FLAMMABLE LIMITS: No data. Low volatility makes ambient explosive vapor concentrations impossible.

AUTOIGNITION TEMPERATURE: No data available.

VAPOR PRESSURE: < 1 mm/Hg at 20°C (68°F)

VAPOR DENSITY: No data available.

BOILING POINT: > 204.4°C (400°F) Approximate

MELTING POINT: None known.

THERMAL DECOMPOSITION: No data available.

SOLUBILITY IN WATER: Virtually insoluble

PARTITION COEFFICIENT: N-OCTANOL/WATER: No data available.

EVAPORATION RATE: NA = Not Applicable

DENSITY: No data available.

SPECIFIC GRAVITY: 1.3 kg/m³ at 20°C (68°F)

VISCOSITY: NA = Not Applicable

10. STABILITY AND REACTIVITY

REACTIVITY: None

HAZARDOUS POLYMERIZATION: Will not occur under normal use conditions.

STABILITY: Stable under normal use conditions,

SAFETY DATA SHEET

Date Issued : 09/30/2015

SDS No : 245773

Date Revised : 05/08/2018

Revision No : 2

Nordson Heat Conductive Paste

CONDITIONS TO AVOID: Excessive heat, sparks and open flames.

POSSIBILITY OF HAZARDOUS REACTIONS: If stored and handled properly: none known.

HAZARDOUS DECOMPOSITION PRODUCTS: None under normal use conditions, oxides of carbon when burned.

INCOMPATIBLE MATERIALS: No data available.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

NOTES: No data is available.

GERM CELL MUTAGENICITY: None known.

CARCINOGENICITY

IARC: Not a carcinogen.

NTP: Not a carcinogen.

OSHA: Not a carcinogen.

NOTES: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, ACGIA, NTP or OSHA.

REPRODUCTIVE TOXICITY: Not expected to be a hazard

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

ECOTOXICOLOGICAL INFORMATION: No data available.

BIOACCUMULATION/ACCUMULATION: No data available.

DISTRIBUTION: No data available.

CHEMICAL FATE INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.

FOR LARGE SPILLS: Stop Leak. Dike to contain spill, cover with inert absorbant material, sweep up and place in suitable container for proper disposal.

PRODUCT DISPOSAL: Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations.

EMPTY CONTAINER:

offer to licensed container recycler.

RCRA HAZARD CLASS: None

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not regulated.

SAFETY DATA SHEET

Date Issued : 09/30/2015
SDS No : 245773
Date Revised : 05/08/2018
Revision No : 2

Nordson Heat Conductive Paste

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: No SARA 311 / 312 Hazards.

313 REPORTABLE INGREDIENTS: This material does not contain any SARA 313 chemicals above the de minimus levels.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This material does not contain any CERCLA regulated chemicals.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All Components listed

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Non-controlled

DOMESTIC SUBSTANCE LIST (INVENTORY): No data available.

16. OTHER INFORMATION

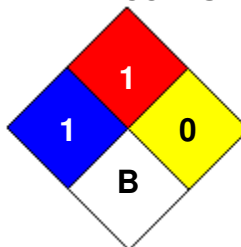
REASON FOR ISSUE: GHS Format

REVISION SUMMARY: This SDS replaces the 01/05/2016 SDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

NFPA CODES



DATA SOURCES: The SDS is compiled using supplied product information and SDS information from the manufacturers of the raw materials used in the formulation of this product.

ADDITIONAL SDS INFORMATION: The standard abbreviations and acronyms used in this document can be looked up in reference literature (e.g. scientific dictionaries) and / or websites. Not all acronyms and abbreviations listed below have been incorporated in the Safety Data Sheet

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

AICS: Australian Inventory of Chemical Substances

ADN: European Agreement concerning the international carriage of dangerous goods by inland waterways (ADN)

ADNR: ADN Specific for the Rhine

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ASTM: American Society for Testing and Materials

BEL: Biological Exposure Limits

BTEX: Benzene, Toluene, Ethylbenzene, Xylenes

CAS: Chemical Abstracts Services

CEFIC: European Chemical Industry Council

CLP: Classification Packaging and Labelling.

COC: Cleveland Open-Cup

DIN: Deutsched Institute fur Normung

SAFETY DATA SHEET

Date Issued : 09/30/2015

SDS No : 245773

Date Revised : 05/08/2018

Revision No : 2

Nordson Heat Conductive Paste

DMEL: Derived Minimal effect Level
 DNEL: Derived No Effect Level
 DSL: Canada Domestic Substance List
 EC: European Commission
 EC50): Effective Concentration Fifty
 ECETOC: European Center on Ecotoxicology and Toxicology of Chemicals
 ECHA: European Chemicals Agency
 EINECS: The European Inventory of Existing Commercial Chemical Substances
 EL50): Effective Loading Fifty
 ENCS: Japanese Existing and New Chemical Substances Inventory
 EWC: European Waste Code
 GHS: Globally Harmonised system of Classification and Labelling of Chemicals
 DMSO: Dimethyl Sulfoxide
 EU: European Union
 IARC: International Agency for Research on Cancer
 IATA: International Air Transport Association.
 IC50: Inhibitory Concentration 50
 IL50: Inhibitory Level Fifty
 IMDG: International Maritime Dangerous Goods
 INV: Chinese Chemicals Inventory
 IP346: Institute of Petroleum Test Method N0 346 for the determination of polycyclic aromatics DMSO-extractables
 KECI: Korea Existing Chemicals Inventory
 LC50: Lethal Concentration Fifty
 LD50: Lethal Dose Fifty
 LL/EL/IL: Lethal Loading/Effective Loading/ Inhibitory Loading
 LL50: Lethal Loading 50
 MARPOL: International Convention for the Prevention of Pollution from Ships
 NIOSH: National Institute of Occupational Safety and Health
 NOEC/NOEL: No observed Effect Concentration / No observed Effect Level
 NOHSC: National Occupational Health and Safety Commission
 OE_HP: Occupational Exposure - High Production Volume
 PBT: Persistent, Bioaccumulative and Toxic
 PICCS: Philippine Inventory of Chemicals and Chemical Substances
 PNEC: Predicted No Effect Concentration
 REACH: Registration Evaluation and Authorization of Chemicals
 RID: Regulations Relating to International Carriage of Dangerous Goods by Rail
 SKIN_DES: Skin Designation
 STEL: Short Term Exposure Limit
 TRA: Targeted Risk Assessment
 TREGS: Technical Rules for Hazardous Substances
 TSCA: US Toxic Substances Control Act
 TWA: Time-Weighted Average
 vPvB: Very Persistent and Very Bioaccumulative
 NTP: United Nations Toxicology Program.
 OSHA: Occupational Safety and Health Act.
 HMIS: Hazardous Materials Identification System.
 NFPA: National Fire Protection Association.

MANUFACTURER DISCLAIMER:

As the conditions or methods of use are beyond our control, Enviro-blend, Inc. does not assume any responsibility and expressly disclaims any liability for any use of this material. Information contained herein has been obtained from the manufacturer and / or recognized technical sources. The information is believed to be true and accurate, but all statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.