

Printing date June 2016
Reviewed on June 2016

SDS #5004

Material Safety Data Sheet

1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name: Cooling Beanie, Cooling Do-Rag, Cooling Towel

Manufacturer/Supplier: Welding Material Sales 3940 Stern Ave St. Charles IL 60174

Tel: 888-905-4619

Fax: 888-733-1512

Further information obtainable from: Welding Material Sales

Information in case of emergency: 800-424-9300

Email: sales@weldingmaterialsales.com

2 Composition/information on ingredients

Dangerous Components: None

Description: Mixture of substances listed below with additions.

Components Number: CAS Number Weight Percent (%)

PVA 9002-89-5 --- %

Faecula --- %

Cloth --- %

3 Hazards identification

NFPA ratings (scale 0 - 4)

Health = 1;

Fire = 1;

Reactivity = 0

.HMIS

Health = 1; Fire = 1; Reactivity = 0

Emergency Overview: Irritating vapors to respiratory system and eyes may form when cooling material polymer is processed at very high temperatures. Molten or heated material in skin contact can cause severe burns. However when covered by cotton or similar, it is unlikely to overheat.

Routes of Entry: FOR HOT MATERIAL: Skin contact, Eye contact, Inhalation.

Potential Acute Health Effects:

Eyes: Slightly hazardous by the following route of exposure: of eye contact (irritant). Heated Polymer: Eye contact can cause serious thermal burns. Vapors formed when polymer is heated may be irritating to the eye.

Skin: No known acute effects of this product resulting from skin contact. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum. Heated Polymer: skin contact can cause serious thermal

burns.

Inhalation: Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors

may form when the polymer is processed at high temperatures.

Ingestion: No effects are expected for ingestion of small amounts. May be a choking hazard.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Polypropylene is not a known carcinogen.

Classified NONE by NTP, NONE by OSHA, 3 (Not classifiable for humans) by IARC.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical condition.

Overexposure/ Signs/ Symptoms: No information available.

4 First aid measures

After inhalation: The material is not expected to present an inhalation hazard..

After skin contact: Cool skin rapidly if contacted with molten polymer. Obtain medical attention for thermal burns..

After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

After swallowing: If symptoms persist consult doctor.

Ingestion: No adverse health effects expected from ingestion..

After first aid, get appropriate in-plant , paramedic, or community medical support.

5 Fire-fighting measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Cool containers with flooding quantities of water until well after fire is out.

Flash Point: Not available.

LEL: Not Determined.

UEL: Not Determined.

Special fire & explosion hazards: Dense smoke emitted when burned without sufficient oxygen. Possible dust explosion if fines accumulate. Wear standard fire fighting attire.

Exiting using media: Dry Chemical, Carbon Dioxide, and Foam.

Unusual Fire or Explosion Hazards: None.

6 Accidental release measures

Small Spill and Leak: Pellets on the floor could present a serious slipping problem. Good housekeeping must be maintained at all times to avoid this hazard. Sweep, shovel, or vacuum material into clean containers.

Large Spill and Leak: Use a shovel to put the material into a convenient waste disposal container.

7 Handling and storage

Handling: Handling of plastic may form nuisance dust. Protect personnel.

Pneumatic material handling and processing equipment may generate dust of sufficiently small particle size that, when suspended in air, may be explosive.

Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. See NFPA 654.

Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

8 Exposure controls/personal protection

Ventilation and Engineering controls:

No special ventilation and engineering controls are required for handling of these products.

Respiratory Protection:

No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S.

Federal OSHA Standard, applicable U.S. State regulations, or the Canadian CSA standard.

Body Protection:

No special protective clothing is required.

Protective Gloves:

Rubber or plastic acid-resistant gloves with elbow-length gauntlet.

Eye Protection:

Tightly sealed goggles/Chemical goggles

9 Physical and chemical properties

General Information

Form:

Cooling Towel

Color:

Color

Odor:

Odorless

Change in condition

Melting point/Melting range:

Not available

Boiling point/Boiling range:

Not available

Flash point:

Not applicable

Self-igniting:

Product is not self-igniting

Danger of explosion:

Product does not present explosion hazard

Density:	Not determined
Relative density:	Cooling Towel
Vapor density:	Not available
Evaporation rate	Not Applicable
Solubility in/Miscibility with Water:	Not miscible or difficult to mix
PH-Value:	Not available
Viscosity:	
Dynamic:	Not available

10 Stability and reactivity

Chemical Stability: The product is stable. Avoid temperatures above 300 degree C (570 F).

Conditions to Avoid: Dust generation.

Incompatibilities with Other Materials: Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), free halogens, benzene, petroleum ether, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons.

Hazardous Decomposition Products: The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.

Hazardous Polymerization: Hazardous polymerization will not occur.

11 Toxicological information

Toxicity to Animals:

LD50: Not available.

LC50: Not available.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified NONE by NTP, NONE by OSHA. 3 (Not classifiable for human.) by IARC.

Other Toxic Effects on Humans: None

on the skin: Irritant to skin and mucous membranes if soluble

on the eye: Sensitizing effects known.

Carcinogenicity: None Determined.

Mutagenicity: None Determined.

Teratogenicity: None Determined.

12 Ecological information

Instability: Not applicable.

Persistence/Degradability: Like plastic in the long term.

Environmental Precautions: It must be disposed of by incineration or in an authorized waste deposit.

13 Disposal considerations

Product: Must be disposed of in accordance with applicable Federal, state and local regulations.

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging: Recommendation Disposal must be made according to official regulations.

14 Transport information

DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material (United States).

DOT Proper Shipping Name: Not applicable.

UN Number: Not applicable.

Packing Group: Not applicable.

Marine Pollutant: Not available.

Hazardous Substance Reportable Quantity: Not available.

Special Provisions for Transport: Not applicable.

TDG Classification: Not controlled under TDG (Canada).

ADR/RID Classification: Not controlled under ADR(Europe)

IMO/IMDG Classification: Not Controlled under IMDG.

ICAO/IATA Classification: Not controlled under IATA.

15 Regulatory information

HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. Federal Regulation:

TSCA inventory: All components are listed or exempted.

SARA 301/302/303

No chemicals in this product are listed as extremely hazardous substances in 40 CFR 355, Emergency Planning And Notification (Appendix A to Part 355).

SARA 304: No chemicals in this product require reporting under the requirement of 40 CFR 355, Emergency Planning And Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances

listed in Table 302.4 of 40 CFR Part 302).

SARA 313: This product contains no chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Table 372.65).

SARA 311/312: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and as such does not require reporting under the requirements of 40 CFR 370, Hazardous Chemical

Reporting: Community Right-To-Know.

Specific state and local regulations should be consulted to determine if there are any additional requirements. Because many states and localities have added requirements or incorporated the Federal contents in their own forms, Tier I & II forms should be obtained from the State Emergency Response Commission

(SERC).

Clean water act (CWA) 307: No products were found.

Clean water act (CWA) 311: No products were found.

Clean air act (CAA) 112 accidental release prevention: No products were found.

Clean air act (CAA) 112 regulated flammable substances: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

International Regulations

WHMIS: Not controlled under WHMIS

EINECS: Not available.

DSCL: Not controlled under DSCL

International Lists: No products were found.

State Regulation: No products were found. California Prop.65: There are no Proposition 65 chemicals present in our polypropylene resins at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

16 Other information

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC, 1999/45/EC, 1967/548/EEC.

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may be applicable.

.Emergency Telephone Number: 800-424-9300

.Contact: info@weldingmaterialsales.com