



## MATERIAL SAFETY DATA SHEET

Product Designation:     Protec CPP (Copolymer Polypropylene)  
                                     Protec HPP (Homopolymer Polypropylene)

### Section 1

|                     |                                   |       |                     |
|---------------------|-----------------------------------|-------|---------------------|
| Manufacturer's Name | <b>Compression Polymers Corp.</b> |       |                     |
| Address             | <b>801 Corey Street</b>           | Phone | <b>570-346-8797</b> |
| City, State, Zip    | <b>Moosic, PA 18507</b>           | FAX   | <b>570-346-5080</b> |
| Date Prepared       | <b>December, 2004</b>             |       |                     |

### Section 2 - Hazardous Ingredients/Identity

This product has not been evaluated as a whole. However, some fumes may be released upon heating and the user must take the necessary precautions (ventilation, personal protective equipment, etc.) to protect employees from exposure (see Section 7 - Special Precautions)

| Hazardous Component(s)       | OSHA       | ACGIH      | Other Exp.    |          | CAS           |
|------------------------------|------------|------------|---------------|----------|---------------|
| <u>chemical/common names</u> | <u>PEL</u> | <u>PEL</u> | <u>Limits</u> | <u>%</u> | <u>Number</u> |
| Polypropylene Plastics       | N/L        | N/L        | N/L           | 100      | 9003-07-0     |

**This material is NOT HAZARDOUS by OSHA Communication definition.**

### Section 3 - Physical and Chemical Characteristics

|                                  |                  |  |                        |                           |           |
|----------------------------------|------------------|--|------------------------|---------------------------|-----------|
| Boiling Point                    | <b>NA</b>        | Specific Gravity<br>(H <sub>2</sub> O = 1) | <b>~.90</b>            | Vapor Pressure<br>(mm Hg) | <b>NA</b> |
| Percent Volatility<br>Volume (%) | <b>NA</b>        | Vapor Density<br>(Air = 1)                 | <b>Solid</b>           | Evaporation Rate          | <b>NA</b> |
| Solubility<br>in Water           | <b>Insoluble</b> |  | Reactivity<br>in Water | <b>None Known</b>         |           |

Appearance and Odor     **White/translucent plastic pellets**

Melting Point             **320°F (160°C)**

This Material Safety Data Sheet and the information it contains are offered to you in good faith as accurate. We believe the information it contains to be correct but cannot guarantee its accuracy or completeness. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied

## Section 4 - Fire and Explosion Data

|             |               |  |                    |                    |
|-------------|---------------|--|--------------------|--------------------|
| Flash Point | > <b>500F</b> | Flammable Limits<br>in Air % by Volume | Lower<br><b>NA</b> | Upper<br><b>NA</b> |
|-------------|---------------|--|--------------------|--------------------|

|                              |        |                    |   |
|------------------------------|--------|--------------------|---|
| Auto-Ignition<br>Temperature | >735 F | Extinguisher Media | <b>Dry chemical preferred, water fog, foam, CO2</b> |
|------------------------------|--------|--------------------|---|

|                                     |   |
|-------------------------------------|---|
| Special Fire<br>Fighting Procedures | <b>A fine spray of fog or water will reduce intensity of flame. Keep exposed product cool to prevent melting or dripping. Do not use a solid stream of water, this could spread fire. Self-contained breathing apparatus should be worn to prevent inhalation of smoke and decomposition products</b> |
|-------------------------------------|---|

|                                       |                   |
|---------------------------------------|-------------------|
| Unusual Fire and<br>Explosion Hazards | <b>None Known</b> |
|---------------------------------------|-------------------|

## Section 5 - Physical Hazards

|           |  |                        |           |
|-----------|--|------------------------|-----------|
| Stability | Unstable <input type="checkbox"/>          | Conditions<br>to Avoid | <b>NA</b> |
|           | Stable <input checked="" type="checkbox"/> |                        |           |

|   |                   |
|---|-------------------|
| Incompatibility<br>(Materials to Avoid) | <b>None Known</b> |
|---|-------------------|

|                                     |   |
|-------------------------------------|---|
| Hazardous<br>Decomposition Products | <b>Oxides of carbon, water vapor, trace low molecular weight oligmers. May include trace amounts of acrolein, formaldehyde, aldehydes and other organic vapors.</b> |
|-------------------------------------|---|

|                             |  |                        |           |
|-----------------------------|--|------------------------|-----------|
| Hazardous<br>Polymerization | May Occur <input type="checkbox"/>                 | Conditions<br>to Avoid | <b>NA</b> |
|                             | Will Not Occur <input checked="" type="checkbox"/> |                        |           |

## Section 6 - Health Hazards

|                                   |                       |                   |                         |                   |
|-----------------------------------|-----------------------|-------------------|-------------------------|-------------------|
| Signs and Symptoms<br>of Exposure | Acute<br>Overexposure | <b>None Known</b> | Chronic<br>Overexposure | <b>None Known</b> |
|-----------------------------------|-----------------------|-------------------|-------------------------|-------------------|

|  |                   |
|--|-------------------|
| Medical Conditions Generally<br>Aggravated by Exposure | <b>None Known</b> |
|--|-------------------|

|   |                                   |  |                    |  |      |  |
|---|-----------------------------------|--|--------------------|--|------|--|
| Chemical Listed as<br>Carcinogen or Potential<br>Carcinogen | National<br>Toxicology<br>Program | Yes <input type="checkbox"/>           | IARC<br>Monographs | Yes <input type="checkbox"/>           | OSHA | Yes <input type="checkbox"/>           |
|   |                                   | No <input checked="" type="checkbox"/> |                    | No <input checked="" type="checkbox"/> |      | No <input checked="" type="checkbox"/> |

This Material Safety Data Sheet and the information it contains are offered to you in good faith as accurate. We believe the information it contains to be correct but cannot guarantee its accuracy or completeness. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

|  |
|--|
| Section 6 - Health Hazards (continued) |
|--|

## Emergency and First Aid Procedures

1. Inhalation - **Remove person to fresh air and consult physician if respiratory irritation occurs**
2. Eyes - **Flush with water and consult physician**
3. Skin - **Treat contact with molten product as for ordinary burn**
4. Ingestion - **Consult physician**

|   |
|---|
| Section 7 - Special Precautions and Spill/Leak Procedures |
|---|

Precautions to be Taken **Do not store near flame or heat source**  
in Handling and Storage

Other Precautions **Fumes may be released upon heating. Mechanical ventilation and/or an approved respiratory protection program may be required.**

Steps to be Taken in Case **Sweep, shovel, or vacuum material into clean containers.**  
Material is Released or Spilled

Waste Disposal Methods **Dispose of in accordance with all local, State, and Federal regulations.**

|   |
|---|
| Section 8 - Special Protection Information/Control Measures |
|---|

Respiratory Protection **Not ordinarily required**  
(Specify Type)

|             |               |                                     |            |                                     |         |       |
|-------------|---------------|-------------------------------------|------------|-------------------------------------|---------|-------|
| Ventilation | Local Exhaust | <input checked="" type="checkbox"/> | Mechanical | <input checked="" type="checkbox"/> | Special | Other |
|             |               |                                     | (General)  |                                     |         |       |

|            |                                |            |                       |
|------------|--------------------------------|------------|-----------------------|
| Protective | <b>Not ordinarily required</b> | Eye        | <b>Safety Glasses</b> |
| Gloves     |                                | Protection |                       |

Protective **Protective clothing should be worn to prevent burns from molten product**  
Clothing or Equipment **if exposure is likely.**

Work/Hygienic Practices **No special practices ordinarily required.**