

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Flex-Star V
Chemical Name: Polyamide
Chemical Family: Polyamide
CAS Number: Blend

Company Identification

CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-833-2343 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

PROCESSING MAY RELEASE VAPORS AND/OR FUMES WHICH CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

This product is not classified under GHS classification.

EYE:

Mildly irritating to the eyes.

SKIN:

May cause slight skin irritation.

INHALATION:

May cause irritation of the upper respiratory passages.

MISCELLANEOUS:

Inhalation and skin contact are expected to be the primary routes of occupational exposure to this material. As a finished product, it is a synthetic, high molecular weight polymer. Due to its chemical and physical properties, this material does not require special handling other than the good industrial hygiene and safety practices employed with any industrial material of this type. Under normal processing conditions, this material will release fume or vapor. Components of these releases may vary with processing time and temperatures. These process releases may produce eye, skin, and/or respiratory tract irritation and, with repeated or prolonged exposures, nausea, drowsiness, headache and weakness.

3. COMPOSITION/INFORMATION ON INGREDIENTS



COMPONENT LISTING:

Chemical Name	Amount	CAS Number
POLYAMIDE	99.9 %	
COLORANT	0.1 %	

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

If exposed to fumes or vapors, flush eyes with large amount of water for at least 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT FIRST AID:

In case of skin contact with hot product, immediatly immerse in clean, cold water. Seek medical attention if irritation develops.

INHALATION FIRST AID:

If exposed to excessive levels of fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

INGESTION FIRST AID:

If swallowed get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Use water spray, carbon dioxide, foam or dry chemical.

FIRE & EXPLOSION HAZARDS:

When burned, the following hazardous products of combustion can occur: Oxides of carbon and nitrogen.

FIRE FIGHTING INSTRUCTIONS:

Fire fighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand NIOSH approved or equivalent).

Fire fighting equipment should be thoroughly decontaminated after use.

6. ACCIDENTAL RELEASE MEASURES



SMALL SPILLS PROCEDURE:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

MISCELLANEOUS:

In case of spill or leak contain spill. Sweep or scoop up and remove to suitable container. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid breathing processing fumes or vapors. Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin and clothing. Process using adequate ventilation.

STORAGE PRECAUTIONS:

Storage should be in a cool dry place. This material is not hazardous under normal storage conditions; however, material should be stored in closed containers, in a secure area to prevent container damage and subsequent spillage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Investigate engineering techniques to reduce exposures. Provide ventilation if necessary to minimize exposure. Dilution ventilation is acceptable, but local mechanical exhaust ventilation preferred, if practical, at sources of air contamination such as open process equipment.

EYE / FACE PROTECTION REQUIREMENTS:

Use good industrial practice to avoid eye contact. Processing of this product releases vapors or fumes which may cause eye irritation. Where eye contact may be likely, wear chemical goggles and have eye flushing equipment available.

SKIN PROTECTION REQUIREMENTS:

Minimize skin contamination by following good industrial hygiene practice. Wearing protective gloves is recommended. Wash hands and contaminated skin thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

Avoid breathing processing fumes or vapors. Where airborne exposure is likely, use NIOSH approved respiratory protective equipment appropriate to the material and/or its components and substances released during processing. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitation specification by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full-face positive-pressure, self-containing breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR 1910.134.

EXPOSURE GUIDELINES:

No Information Available.

MISCELLANEOUS:

Airborne Exposure Guidelines: Particles Not Otherwise Specified/Nuisance Dust.



US ACGIH Threshold Limit Values.

Form: Inhalable particles: TWA: 10 mg/m³.

Form: Respirable particles TWA: 3 mg/m³.

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000).

Form: Respirable fraction PEL: 5 mg/m³.

Form: Total dust: PEL 15 mg/m³.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Translucent Pellets
COLOR:	Colorless
ODOR:	NA
BOILING POINT:	NE C
VAPOR PRESSURE:	NE psia
VAPOR DENSITY:	NE (Air = 1)
SOLUBILITY IN WATER:	Negligible
SPECIFIC GRAVITY:	1.0-1.5 (Water = 1)
MELTING/FREEZING POINT:	175 - 190o C
PH:	NA

10. STABILITY AND REACTIVITY

STABILITY:

This material is chemically stable under normal and anticipated storage and handling conditions.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Contact with acids and strong oxidizing agents may cause a low energy release.

DECOMPOSITION:

Oxides of carbon and nitrogen can be liberated at high temperatures.

11. TOXICOLOGICAL INFORMATION

SKIN EFFECTS:

Non-irritating.

MISCELLANEOUS:

Data on this material and/or its components are summarized below.

Polyamide - Single exposure (acute) studies indicate that this material is non-irritating to rabbit skin (4-hour exposure; 0/8). No genetic changes were observed in tests using bacteria.



12. ECOLOGICAL INFORMATION

MISCELLANEOUS:

Ecotoxicological Information: No data are available.

Chemical Fate Information: No data are available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Recover, reclaim or recycle when practical. Dispose of in an approved landfill if allowed locally. Comply with federal, state, and local regulations. Dispose of in a permitted waste management facility if incineration or landfill is not practical.

Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

14. TRANSPORT INFORMATION

PRODUCT LABEL: Flex-Star V
D.O.T. SHIPPING NAME: Not Regulated

MISCELLANEOUS:

IMDG: Not regulated.

IATA: These goods are not regulated, not hazardous, or not restricted for transport by IATA.

15. REGULATORY INFORMATION

REGULATORY DISCLOSURES:

SARA 313. This material does not contain any chemical components with known CAS number that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

EEC Symbols and Indications of Danger:

None

S-Phrases:

S23.2 - Do not breathe vapor.

WHMIS Hazard Symbols:

None

MISCELLANEOUS INFORMATION:

This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS
PREPARED BY: John Nicpon
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: June 28, 2016
SUPERCEDES DATE: March 26, 2015
RTN NUMBER: 00002040 (Official Copy)

HMIS Rating:

Health - 1
Flammability - 1
Reactivity - 0

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of CMP Industries LLC. The data on this sheet are related only to the specific material designated herein. CMP Industries LLC assumes no legal responsibility for use or reliance upon these data.

END OF SAFETY DATA SHEET

