GFG Protection Sheet (11, 16, 21, 26, & 31)
Kingfield Construction Products
MATERIAL SAFETY DATA SHEET (MSDS)

I - COMPANY AND PRODUCT INFORMATION

Product Name	GFG Protection Sheets (11, 16, 21, 26, & 31)
Manufacturer	Kingfield Construction Products, Inc.
Address	300 North 4th Street, Suite #300 Minneapolis, Minnesota 55401 USA
Contact Number E-Mail	+1 (612) 225-5167 info@kingfieldcp.com
Date	March, 2017

II - INGREDIENT NAMES AND COMPOSITION

DESCRIPTION:	Polyolefin
FORMULAE:	Proprietary Formulation
CHEMICAL FAMILY:	Polyethylene Copounds

III - PHYSICAL/CHEMICAL PROPERTIES

PHYSICAL FORM:	Solid
COLOR:	Finished films with colors specified
ODOR:	Insignificant
BOILING POINT:	Not applicable
MELTING POINT:	248 - 266°F (120 - 130°C)
FREEZING POINT:	Not applicable
SOLUBILITY IN WATER:	None
SPECIFIC GRAVITY:	0.7-1.2 (water = 1)
VAPOR DENSITY:	Not applicable (air = 1)
EVAPORATION RATE:	None (Butyl Acetate = 1)
VAPOR PRESSURE:	Not applicable
% VOLATILE:	None
pH:	Not Applicable

*The physical data presented above are typical values and should not be construed as a specification.

IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not applicable
AUTOIGNITION:	Not applicable
FLAMMABLE LIMITS IN AIR-	
(LEL, %):	Not applicable
(UEL, %):	Not applicable
EXTINGUISHING MEDIA:	Dry chemical, carbon dioxide, or foam.
SPECIAL FIRE FIGHTING PROCEDURES:	In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Extinguish fires with foam or dry chemical. Do not use water jet.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Avoid accumulation and dispersion of dust to reduce explosion potential. Fire may produce irritating gases and dense smoke.

V – HUMAN HEALTH DATA

EMERGENCY OVERVIEW:	Practically non-toxic.
PRIMARY ROUTE(S) OF EXPOSURE:	Inhalation, Eye, Skin Contact.

POTENTIAL HEALTH EFFECTS AND SYMPTOMS OF OVER-EXPOSURE

*Negligible hazard at room temperature under normal use.

EYE CONTACT:	Solid flake or dust may cause transient irritation as a result of mechanical abrasion.
SKIN CONTACT:	Essentially no irritation to the skin. Mechanical injury only. Hot solid may cause thermal burns.
INHALATION:	Exposure to dust at high concentration may cause irritation to respiratory tract.
INGESTION:	May cause choking if swallowed.
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:	Not expected. Generally accepted as being biologically inert. No specific antidotal treatment, symptomatic support required.
CARCINOGENICITY:	**NTP**: No **IARC**: No **OSHA**: No

VI – FIRST AID MEASURES

EYE CONTACT:	Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation or other symptoms occure, consult a physician.
SKIN CONTACT:	Get medical attention for serious burns. In case of skin contact with hot GFG16, immediately immerse in or flush with clean, cold water.
INHALATION:	Remove to fresh air. Consult physician if irritation of respiratory passage occurs.
INGESTION:	Consult physician.
NOTES TO PHYSICIAN:	No known delayed effects following single exposure.
OTHER INSTRUCTIONS:	None.

VII – EXPOSURE CONTROLS, PERSONAL PROTECTION RECOMMENDATIONS

EYE PROTECTION:	Safety glasses.
SKIN PROTECTION:	Gloves required when handling hot material.
RESPIRATORY PROTECTION:	None required in normal use of product. NIOSH approved dust mask recommended if dust conditions exist.
ENGINEERING CONTROL:	*Ventilation Requirements - General* General ventilation should be sufficient. However, if operating conditions create high airborne concentrations of this material, special ventilation may be needed. If handling results in dust generation, special ventilation may be needed to ensure that dust exposure does not exceed the OSHA PEL for nuisance dust.
REQUIRED WORK/HYGIENE PROCEDURE:	Minimize contact with skin. Do not eat, drink, or smoke in work area. Wash hands thoroughly after handling, especially before eating, drinking, smoking, chewing, or using restroom facility. Dusted clothing and shoes should be thoroughly cleaned before use.

EXPOSURE GUIDELINES:

No.	Components	OSHA-PEL	ACGIH-TLV
1	Polyethylene	None	None

VIII – ACCIDENTAL RELEASE CONTROL MEASURES

RESPONSE TO SPILLS:	Not applicable

IX – HANDLING AND STORAGE

HANDLING:	Wear safety glasses during cutting and fabricating processes. Electrostatic charge build up during handling. Grounding of equipment is recommended.
STORAGE:	Store in dry place and away from direct sunlight.
CONTAINER USE:	Keep container closed.

X – ACCIDENTAL RELEASE CONTROL MEASURES

STABILITY:	Stable.
CONDITIONS TO AVOID:	Strong Oxidizers.
HAZARDOUS DECOMPOSITION:	Carbon dioxide, carbon monoxide.
HAZARDOUS POLYMERIZATION:	Will not occur.

XI – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:	It must be disposed of in accordance with Federal, State, and local environmental control regulations.
RECYCLE/RECLAIM:	Recycling and reclamation of GFG16 should be encouraged where possible.

XII – TRANSPORT INFORMATION

DOT SHIPPING NAME:	Not listed
DOT LABEL:	Not regulated
DOT HAZARD CLASS:	Not applicable
UN/NA NUMBER:	Not applicable
HAZARD LABEL(S):	Not applicable
HAZARD PLACARD(S):	Not applicable
PACKING GROUP:	Not applicable
BULK PACKAGING:	Not applicable
RQ:	Not applicable
EMERGENCY RESPONSE GUIDE (ERG) NO.:	Not applicable

XIII – TOXICOLOGICAL INFORMATION

**The information provided below can be subject to misinterpretation. Therefore, it is essential the following information be interpreted by individuals trained in its evaluation.*

CHEMICAL	TOXICITY DATA
Polyethylene	No toxicology data available Polyethylene is not considered hazardous materials under OSHA Hazard Communication Standard.

XIV – ECOLOGICAL INFORMATION

No data is available on the adverse effects of this product on the environment. Neither COD or BOD data are available.

XV – REGULATORY INFORMATION

FEDERAL REGULATORY INFORMATION
Polyethylene

OSHA STATUS:	None
EPA CLEAN AIR ACT STATUS:	None
EPA CLEAN WATER ACT STATUS:	None
TSCA STATUS:	All ingredients are listed on TSCA Inventory (40 CFR710)
CERCLA RQ:	None

SARA TITLE III
Polyethylene

Section 302*	Section 313**	Section 311/312***
None	None	None

***Reportable quantity of extremely hazardous substance, Sec. 302**
***Threshold planning quantity, extremely hazardous substance, Sec. 302**
****Toxic chemical, Sec. 313**
****Category as required by Sec. 313 (40CFR372.65C). Must be used on Toxic Release Inventory form.**
*****Hazard category for SARA Sec. 311/312 reporting H1=acute health hazard, H2=chronic health hazard, P3=fire hazard, P4=sudden release of pressure hazard, P5=reactive hazard**

RCRA Status: If disposal of in its purchased form, this would not be a RCRA hazardous waste either by listing or by characterisitc. However, under RCRA, it is the responsiblity of the product used to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

OTHER REGULATORY INFORMATION

The following chemicals are specifically listed by individual states; other product-specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

State	Chemical	Regulation
None	Polyethylene	None

Product Name: GFG16 Sheet

International

None

XVI – OTHER INFORMATION

NFPA	HMIS
Fire - 1	Health - 0
Health - 0	Flammability - 1
Reactivity - 0	Reactivity - 0
Specific Hazard - None	Personal Protection Index - E

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