



PRODUCT SAFETY INFORMATION SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Bonding Film 3001
PRODUCT CODE/PART #s: 99028
USE OF ARTICLE: Bonding Film
COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation
100 South Roosevelt Avenue
Chandler, AZ 85226-3415
Phone: 001-480-961-1382
Fax: 001-480-961-4533
Email: msdsinfo@rogerscorporation.com

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: This material is not classified as hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.
LABELING REQUIREMENTS: NA
OTHER HAZARDS: None anticipated with normal handling. Cutting and other finishing may create dust. Processing material at temperatures exceeding decomposition temperature may release toxic vapors and gases.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is produced as an "article" as defined in 29 CFR 1910.1200 and REGULATION (EC) N° 1907/2006 is therefore exempt from the Hazard Communication Standard and REACH. Since this material does not release and will not result in exposure to a hazardous chemical under normal conditions of use, no Safety Data Sheet is required.

<u>Chemical Name</u>	<u>% by weight</u>	<u>CAS No.</u>
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4. FIRST-AID MEASURES

INHALATION: (Dust) If particulate is inhaled, remove to fresh air. Obtain medical attention if symptoms occur.
EYE CONTACT: (Dust) Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
SKIN CONTACT: (Dust) Wash with water and soap. Obtain medical attention if symptoms persist.
INGESTION: Do not induce vomiting. If gastrointestinal discomfort occurs, seek medical attention.

5. FIRE-FIGHTING MEASURES

FLASH POINT:	NE	Flammable Limits: NE
AUTOIGNITION TEMPERATURE:	NE	
EXTINGUISHING MEDIA:	<u> X </u> Water Spray <u> X </u> Foam <u> X </u> CO ₂ <u> X </u> Dry Chemical _____ Other –	
SPECIAL FIRE FIGHTING PROCEDURES:	Decomposition in a fire may produce toxic fumes (See Section 10). Firefighters should be equipped with self-contained breathing apparatus and turnout gear.	
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.	

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	NA
ENVIRONMENTAL PRECAUTIONS:	NA
CLEANING METHODS:	Sweep or shovel into appropriate container for disposal. Avoid creation of nuisance dust.

7. HANDLING AND STORAGE

HANDLING:	Avoid prolonged contact with eyes and repeated contact with skin.
STORAGE:	Keep at room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:	None needed under normal conditions. If heating material, odors may be produced, use a respirator meeting NIOSH requirements if necessary.
<u>VENTILATION</u>	
LOCAL:	Recommended for all industrial operations.
GENERAL:	Recommended for all industrial operations.
<u>PERSONAL PROTECTION</u>	
HAND:	Gloves to avoid skin contact if desired.
EYE:	Safety glasses with side-shields are recommended in all industrial operations
SKIN:	None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear Transparent Film
ODOR:	None
PHYSICAL STATE:	Solid
BOILING POINT:	NA
MELTING POINT:	412°F (211°C)
FREEZING POINT:	NE
FLASH POINT:	NE
WATER SOLUBILITY:	NE
VAPOR DENSITY:	NE
VAPOR PRESSURE:	NE
SPECIFIC GRAVITY:	2.11 (Water = 1)
PARTITION COEFFICIENT:	NE
EVAPORATION RATE:	NA
RELATIVE DENSITY:	NE

VISCOSITY: NA
AUTO-IGNITION TEMPERATURE: NE
DECOMPOSITION TEMPERATURE: NE
PH: NA
FLAMMABILITY: NE

10. STABILITY AND REACTIVITY

STABILITY Stable
CONDITIONS TO AVOID: PTFE begins to decompose very slowly above 500°F. Decomposition increases rapidly above 750°F and processing at these temperatures for prolonged periods of time is not recommended.
MATERIALS TO AVOID: None known
HAZARDOUS POLYMERIZATION: Does not occur
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products may include hydrogen chloride, hydrogen fluoride, carbon monoxide, and carbon dioxide and combustion by products as well as:
Tetrafluoroethylene (Above 800°F)
Hexafluoropropylene (Above 825°F)
Perfluoroisobutylene (Above 885°F)
Carbonyl Fluoride (Above 930°F)

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA

12. ECOLOGICAL INFORMATION

ECOTOXICITY: This material is considered inert and not expected to be biodegradable or toxic.

13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL:
ENVIRONMENTAL TOXICITY DATA: NE
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

14. TRANSPORT INFORMATION

UN NUMBER: Not Regulated
UN PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS (ES): Not Regulated
PACKING GROUP: Not Regulated
ENVIRONMENTAL HAZARDS: NE

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:
Canadian (DSL/NDSL): Article - exempt
Australian (ACIS): Article - exempt
Korea (KECI): Article - exempt
Japan (ENCS, MITI): Article - exempt

China (IECSC)	Article - exempt
EU Directive 2011/65/EC (RoHS):	Does not contain any intentionally added substances mentioned by the RoHS directive.
TSCA (Toxic Substances Control Act):	All materials are listed or exempt from TSCA listing.
CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act):	NA
SARA TITLE III (Superfund Amendments and Reauthorization Act):	NA
311/312 HAZARD CATEGORIES:	None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
NA	NA	NA

16. OTHER INFORMATION

NA = Not Applicable	FILE:	99028-Bonding Film 3001-12282021
NE = Not Established		
NC = Not Classified	PREPARED BY:	EHS Department
Date Prepared: 12/28/2021	REVIEWED BY:	EHS Engineering

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