



## SAFETY DATA SHEET

ISSUE DATE: 01/2021 REVISION DATE March 1, 2022 VERSION 2

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 PRODUCT IDENTIFIERS

PRODUCT NAME: **SLIDE HI-TEMP PURGE (PART # 478-05, 478-45, 478-1000)**

#### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

IDENTIFIED USES: PURGING COMPOUND FOR PLASTIC PROCESSING  
FOLLOW RECOMMENDED USE INSTRUCTIONS.

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY NAME: SLIDE PRODUCTS, INC.

ADDRESS: 430 WHEELING RD., WHEELING, IL 60090, USA

PHONE: 800-323-6433 OR 847-541-7220; FAX: 800-756-7986

E-MAIL: INFO@SLIDEPRODUCTS.COM; WEBSITE: [WWW.SLIDEPRODUCTS.COM](http://WWW.SLIDEPRODUCTS.COM)

#### 1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone (24 hr.) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATION (EU – US):** THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE GLOBAL HARMONIZED SYSTEM (GHS) FOR THE CLASSIFICATION AND LABELING OF CHEMICALS.

#### PHYSICAL AND CHEMICAL HAZARDS:

COMBUSTIBLE SOLID: FOR FIREFIGHTING REFER TO SECTION 5. FOR OTHER PROPERTIES REFER TO SECTION 9.

METAL-CORROSIVE MATERIAL: NO

#### HEALTH TOXICITY: (REFER ALSO TO SECTION 11.)

ACUTE TOXICITY (ORAL): MAY BE HARMFUL IF SWALLOWED IN LARGE QUANTITY (>10 G/KG).

ACUTE TOXICITY (DERMAL): NONE

ACUTE TOXICITY (INHALATION: GASES): NONE ACUTE

TOXICITY (INHALATION VAPORS): DUST AND PROCESS VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION.

SERIOUS EYE DAMAGE / EYE IRRITATION: LIKE ANY SOLID PRODUCT, THE CONTACT WITH EYES CAN CAUSE IRRITATION AND DAMAGE

RESPIRATORY SENSITIZATION: NONE

SKIN SENSITIZATION: NONE

GERM CELL MUTAGENICITY: NONE

CARCINOGENICITY: NO COMPONENT OF THIS PRODUCT IS IDENTIFIED AS PROBABLE, POSSIBLE OR CONFIRMED HUMAN CARCINOGEN BY IARC.

REPRODUCTIVE TOXICITY: NONE

ASPIRATION HAZARD: NONE

**HAZARDOUS TO THE AQUATIC ENVIRONMENT:**

TOXICITY TO THE AQUATIC ENVIRONMENT (ACUTE): REFER TO SECTION 12.

TOXICITY TO THE AQUATIC ENVIRONMENT (CHRONIC): REFER TO SECTION 12.

**GHS LABEL ELEMENTS:**

PICTOGRAMS: NONE

SIGNAL WORD: NONE

**HAZARD STATEMENTS: NONE**

FIRST AID: REFER TO SECTION 4.

STORAGE: REFER TO SECTION 7.

DISPOSAL: REFER TO SECTION 13.

**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE FOR EU**

NOT A HAZARDOUS SUBSTANCE OR MIXTURE ACCORDING TO REGULATION (EC) NO. 1272/2008.

THIS SUBSTANCE IS NOT CLASSIFIED AS DANGEROUS ACCORDING TO DIRECTIVE 67/548/EEC.

**2.2 LABEL ELEMENTS PARTICULAR RISK FOR MAN AND ENVIRONMENT: NONE.**

**2.3 OTHER HAZARDS - MOLTEN PLASTIC CAN CAUSE SEVERE BURNS**

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 CHEMICAL FEATURES:** THE DETERGENT MIXTURE HI-TEMP PURGE CONTAINS INORGANIC AND INERT SALTS AND POLYMERS. THESE COMPONENTS ARE GRAS QUALIFIED BY FDA (US) AND REGISTERED UNDER REACH (EU).

**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: MIXTURE**

Grade Type	Composition	Content %	Chemical Formula & Structural Formula	CAS No.
<b>478 HT Purge</b>	PET Resin Proprietary additives Inorganic additives	75~90 9~12 5~15	(C <sub>10</sub> H <sub>8</sub> O <sub>4</sub> ) <sub>n</sub>	25038-59-9 Non-disclosed Non-disclosed

We hereby declare that all the components of **478 HI-TEMP Purge** are listed in the TSCA Directory, and none of the components are listed with a flag indicating polluting, dangerous for humans, cancerogenic or teratogenic.

**3.2 PRODUCT DESCRIPTION: BLEND OF ADDITIVES IN THERMOPLASTIC RESIN**

**3.3 DANGEROUS COMPONENTS: NONE**

**4. FIRST AID MEASURES**

**IF WORKING WITH MOLTEN PRODUCT FOLLOW THE SAME MEASURES USED FOR HOT AND MOLTEN POLYMERS.**

**THE FOLLOWING MEASURES REFERS TO SOLID PRODUCT**

#### **4.1 DESCRIPTION OF FIRST AID MEASURES**

**IF INHALED** NO PARTICULAR MEASURES, MATERIAL IS NOT DANGEROUS.

**IN CASE OF SKIN CONTACT** NO PARTICULAR MEASURES, MATERIAL IS NOT DANGEROUS AND DOES NOT CAUSE SKIN SENSIBILIZATION. IF NECESSARY, WASH OFF WITH SOAP AND WATER.

**IN CASE OF EYE CONTACT** FLUSH EYES WITH WATER AS A PRECAUTION.  
**WARNING:** SOLID PRODUCTS THAT COME IN CONTACT WITH EYES CAN CAUSE IRRITATION AND DAMAGES

**IF SWALLOWED** RINSE MOUTH WITH WATER.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**  
NONE

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

NO PARTICULAR MEASURES, MATERIAL IS NOT DANGEROUS

#### **5. FIREFIGHTING MEASURES**

##### **5.1 EXTINGUISHING MEDIA**

**SUITABLE EXTINGUISHING MEDIA** USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL, EXTINGUISHING DUST, SAND OR CARBON DIOXIDE.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE** CARBON OXIDES AND OTHER DECOMPOSITION PRODUCTS.

**5.3 ADVICE FOR FIREFIGHTERS** WEAR SELF CONTAINED BREATHING APPARATUS FOR FIRE FIGHTING IF NECESSARY.

**5.4 FURTHER INFORMATION** AS FOR EVERY POLYMERIC PRODUCT, A WRONG COMBUSTION MIGHT PROVOKE CARBON MONOXIDE FUMES

#### **6. ACCIDENTAL RELEASE MEASURES**

##### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

NO PARTICULAR PRECAUTION IS REQUIRED.

**6.2 ENVIRONMENTAL PRECAUTIONS** COMPLY WITH LOCAL REGULATIONS ABOUT POLYMERS.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP** SWEEP UP AND SHOVEL, OR VACUUM CLEANER. KEEP IN SUITABLE CONTAINERS FOR DISPOSAL.

**6.4 REFERENCES TO OTHER SECTIONS FOR DISPOSAL** SEE SECTION 13.

## **7. HANDLING AND STORAGE**

### **7.1 PRECAUTIONS FOR SAFE HANDLING**

HANDLE AS A THERMOPLASTIC RESIN. BEFORE INTRODUCING HI-TEMP PURGE INTO THE MACHINE READ THE SDS OF THE PRODUCT WHICH HI-TEMP PURGE WILL BE IN CONTACT WITH TO CONFIRM COMPATIBILITY.

### **7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

STORE IN A COOL AND DRY AREA, NORMALLY VENTILATED MAKE SURE THAT THE BUCKET IS CLOSED AFTER TAKING OF QUANTITY NECESSARY FOR MORE OR LESS IMMEDIATE USE. THE FORMATION OF SMALL CLOTS OF STICKY SUBSTANCE DOES NOT AFFECT THE EFFICIENTCY OF THE PRODUCT: IT JUST SHOWS THE MOISTURE ABSORPTION INDEX.

**7.3 SPECIFIC END USES** SEE SECTION 1.2, DATASHEET AND INSTRUCTIONS FOR USE.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 CONTROL PARAMETERS** COMPLY WITH WORKPLACE CONTROL PARAMETERS

### **8.2 EXPOSURE CONTROLS**

**APPROPRIATE ENGINEERING CONTROLS** GENERAL INDUSTRIAL HYGIENE PRACTICE.

#### **PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE PROTECTION** FOLLOWS THE SAME PRECAUTIONS AS IF WORKING WITH POLYMERS.

**SKIN PROTECTION** FOLLOWS THE SAME PRECAUTIONS AS IF WORKING WITH POLYMERS.

**BODY PROTECTION** FOLLOWS THE SAME PRECAUTIONS AS IF WORKING WITH POLYMERS.

**RESPIRATORY PROTECTION** RESPIRATORY PROTECTION IS NOT REQUIRED. IN ANY CASE FOLLOW THE SAME PRECAUTIONS AS IF WORKING WITH POLYMERS.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

A) APPEARANCE FORM: SOLID GRANULES - COLOUR: WHITE - LIGHT GREY

B) ODOR: NONE

C) ODOR THRESHOLD-NA

D) PH - N.A.

E) MELTING POINT - FROM 485°F / 250°C

F) INITIAL BOILING POINT AND BOILING RANGE - N.A.

G) FLASH POINT – N.A.

H) EVAPORATION RATE - N.A.

I) FLAMMABILITY (SOLID, GAS) - N.A.

J) UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS - N.A.

K) VAPOR PRESSURE - N.A.

L) VAPOR DENSITY - N.A.

M) RELATIVE DENSITY 1.3-1.4 G/CC

N) WATER SOLUBILITY: NEGLIGIBLE WATER SOLUBILITY

O) AUTOIGNITION TEMPERATURE – NOT DETERMINED

P) DECOMPOSITION TEMPERATURE – > 750°F (385°C)

Q) VISCOSITY - N.A.

R) EXPLOSIVE PROPERTIES - N.A.

S) OXIDIZING PROPERTIES: NONE

## **9.2 OTHER SAFETY INFORMATION**

FOLLOW THE SAME PRECAUTIONS AS IF WORKING WITH POLYMERS

## **10. STABILITY AND REACTIVITY**

**10.1 REACTIVITY** NO DANGEROUS REACTION IS KNOWN IF STORAGE AND HANDLING ARE PERFORMED IN COMPLIANCE WITH THE INSTRUCTIONS

**10.2 CHEMICAL STABILITY** NO DANGEROUS REACTION IS KNOWN IF STORAGE AND HANDLING ARE PERFORMED IN COMPLIANCE WITH THE INSTRUCTIONS

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS** NO DANGEROUS REACTION IS KNOWN IF STORAGE AND HANDLING ARE PERFORMED IN COMPLIANCE WITH THE INSTRUCTIONS

**10.4 CONDITIONS TO AVOID** - TEMPERATURES MORE THAN 140°F (60°C) DURING STORAGE AND MORE THAN 752°F (400°C) DURING PURGING.

**10.5 INCOMPATIBLE MATERIALS** - STRONG OXIDIZING AGENTS

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS** - IF STORAGE AND HANDLING ARE PERFORMED AS PER INSTRUCTIONS: NONE

## **11. TOXICOLOGICAL INFORMATION**

### **11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

**ACUTE TOXICITY** NONE

**SKIN CORROSION/IRRITATION** NONE

**SERIOUS EYE DAMAGE/EYE IRRITATION** LIKE ANY SOLID PRODUCT, THE CONTACT WITH EYES CAN CAUSE DAMAGES AND IRRITATION.

**RESPIRATORY OR SKIN SENSITIZATION** NONE

**GERM CELL MUTAGENICITY** NONE

**CARCINOGENICITY** IARC: NO COMPONENT OF THIS PRODUCT IS IDENTIFIED AS PROBABLE, POSSIBLE OR CONFIRMED HUMAN CARCINOGEN BY IARC.

**REPRODUCTIVE TOXICITY** NONE

**SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE** Non-

**SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE** NONE

**POTENTIAL HEALTH EFFECTS**

**INHALATION** NONE

**INGESTION** MAY BE HARMFUL IF SWALLOWED IN BIG QUANTITY (>10 G/KG).

**SKIN** NONE

**EYES** LIKE ANY SOLID PRODUCT, THE CONTACT WITH EYES CAN CAUSE IRRITATION.

### **11.2 ADDITIONAL INFORMATION RTECS: NOT AVAILABLE**

ON THE GROUND OF OUR PRESENT KNOWLEDGE IT IS PHYSIOLOGICALLY TOLERABLE. ACCORDING TO OUR PRESENT KNOWLEGE IT IS NEITHER ALTERABLE, NOR CANCEROGENOUS NOR TERATOGENOUS. ITS COMPONENTS ARE "GRAS" BY FDA.

## **12. ECOLOGICAL INFORMATION**

### **12.1 TOXICITY NONE**

**12.2 PERSISTENCE AND DEGRADABILITY** THE POLYMERIC ELEMENT IS NOT BIODEGRADABLE. THE REMAINING PART IS COMPLETELY BIODEGRADABLE.

**12.3 BIOACCUMULATIVE POTENTIAL** A BIOLOGIC ACCUMULATION IS UNLIKELY

### **12.4 MOBILITY IN SOIL NONE**

**12.5 RESULTS OF PBT AND VPVB ASSESSMENT** IF USED CORRECTLY AND PROPER DISPOSAL IS APPLIED, NO BIOLOGICAL ACCUMULATION IS POSSIBLE

**12.6 OTHER ADVERSE EFFECTS** HANDLE WITH CARE AND USE CORRECTLY: THIS WILL NOT CAUSE ANY NEGATIVE EFFECTS TO THE ENVIRONMENT

## **13. CONSIDERATIONS FOR PROPER DISPOSAL**

### **13.1 WASTE TREATMENT METHODS**

PRODUCT CAN BE DISPOSED BY RECYCLING, BURNING, LANDFILL OR ACCORDING TO CITY REGULATIONS. WE SUGGEST RECYCLING. DO NOT ALLOW TO ENTER DRAINS OR SEWERS.

PACKAGING CAN BE DISPOSED BY RECYCLING, BURNING, LANDFILL OR ACCORDING TO CITY REGULATIONS. WE SUGGEST RECYCLING.

## **14. TRANSPORT INFORMATION**

**14.1 UN NUMBER** ADR/RID: - IMDG: - IATA: - NOT CLASSIFIED

### **14.2 UN PROPER SHIPPING NAME**

ADR/RID: NOT DANGEROUS GOODS

IMDG: NOT DANGEROUS GOODS

IATA: NOT DANGEROUS GOODS

**14.3 TRANSPORT HAZARD CLASS** ADR/RID: - IMDG: - IATA: - NOT CLASSIFIED

**14.4 PACKAGING GROUP** ADR/RID: - IMDG: - IATA: - NOT CLASSIFIED

**14.5 ENVIRONMENTAL HAZARDS** ADR/RID: NO IMDG MARINE POLLUTANT: NO IATA: NO

**14.6 SPECIAL PRECAUTIONS FOR USER** THERE IS NO DANGER OR RESTRICTION FOR ANY MODE OF TRANSPORT

## **15. REGULATIONS INFORMATION**

THIS SAFETY DATASHEET COMPLIES WITH THE REQUIREMENTS OF REGULATION TO THE OSHA – GHS STANDARD AND TO (EC) NO. 1907/2006 AND 1272/2008.

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE NONE**

**15.2 CHEMICAL SAFETY ASSESSMENT NONE**

**15.3 LABELLING IN COMPLIANCE WITH EUROPEAN (CEE) REGULATIONS: EXEMPT**

**16. ADDITIONAL INFORMATION**

ALL DATA SHOWN ON THIS SHEET ARE BASED ON THE INFORMATION AVAILABLE AT OUR COMPANY ON THE LAST ISSUE DATE. THEY DO NOT MEAN ANY ASSURANCE FOREVERY SPECIFIC FEATURE OF THE PRODUCT AND REPRESENT NO CONTRACT OBLIGATION.

THE USER MUST MAKE SURE OF THE CONFORMITY AND COMPLETENESS OF INFORMATION WITH REGARD TO THE SPECIFIC USE OF THE PRODUCT.

THE INFORMATION FURNISHED IN THIS SDS IS NOT INTENDED TO CREATE ANY LIABILITY OF ANY KIND ON THE PART OF SLIDE PRODUCTS. IN NO EVENT WILL SLIDE PRODUCTS, INC. BE RESPONSIBLE FOR ANY DEATH, INJURY OR DAMAGE OF ANY NATURE RESULTING FROM THE USE OF RELIANCE UPON, OR MISUSE OF THE SDS OR MATERIAL TO WHICH IT REFERS. THE DATA ON THIS SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNED HEREIN.

THIS SDS IS FURNISHED UNDER THE EXPRESS CONDITION THAT ALL PERSONS RECEIVING IT WILL MAKE THEIR OWN DETERMINATION AS TO ITS SUITABILITY FOR THEIR PURPOSE PRIOR TO USE. RESPONSIBILITY FOR THE COMPLIANCE WITH APPLICABLE FEDERAL, STATE OR LOCAL REGULATIONS CONCERNING DISSEMINATION OF THE SDS AND SALE AND USE OF THE MATERIAL TO WHICH IT REFERS RESTS SOLELY UPON THE PURCHASER.