Safety Data Sheet
NuMetal Epoxy Putty

SECTION 1: Identification

1.1 Product identifier

Product name	NuMetal Epoxy Putty
Product number	700XX
Brand	KBS Coatings
Substance name	Mixture

1.2 Other means of identification
Epoxy Putty, clay like appearance and consistency

1.3 Recommended use of the chemical and restrictions on use
General repair putty
Pool leak /crack repair putty
No restricted uses known

1.4 Supplier's details

Name	Advanced Protective Technologies LLC
Address	1101 Cumberland Xing #180 Valparaiso, IN 46383 United States
Telephone	219-263-0073
Fax	877-235-0590
email	support@kbs-coatings.com

1.5 Emergency phone number(s)

Infotrac 800-535-5053

SECTION 2: Hazard identification

General hazard statement
Eye irritant
Can cause skin irritation
Harmful if swallowed, irritating to mouth, throat and stomach
May cause allergic skin reaction

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Sensitization, skin (chapter 3.4), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram

Signal word	**Warning**

Hazard statement(s)

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Precautionary statement(s)

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P321	Specific treatment (see … on this label).
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to …

2.3 Other hazards which do not result in classification

None known

Statement regarding ingredients of unknown toxicity

No data available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance name: Mixture

Other names / synonyms: Epoxy Putty

Components

Component	Concentration
EPOXYRESIN, reaction product: BISPHENOL-A(EPICHLOROHYDRIN), average molecule wei (CAS no.: 25068-38-6; EC no.: 500-033-5; Index no.: 603-074-00-8)	**>= 5 - < 20 % (Weight)**
CLASSIFICATIONS: Eye damage/irritation (chapter 3.3), Cat. 2; Skin corrosion/irritation (chapter 3.2), Cat. 2; Sensitization, skin (chapter 3.4), Cat. 1; Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2. HAZARDS: H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H319 - Causes serious eye irritation; H411 - Toxic to aquatic life with long lasting effects.	
Calcined Kaolin Clay (CAS no.: 1332-58-7)	**> 5 - < 25 % (Weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
TALC powder (CAS no.: 14807-96-6; EC no.: 238-877-9)	**> 1 - < 10 % (Weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

Trade secret statement (OSHA 1910.1200(i))

Exact concentration of chemicals used withheld due to trade secrets.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Show this Safety Data Sheet to the doctor in attendance in case of emergency.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Personal protective equipment for first-aid responders
Provide a copy of this SDS to first aid responder

4.2 Most important symptoms/effects, acute and delayed
Skin: Can cause skin irritation. May cause an allergic skin reaction
Eye: Can cause serious eye irritation
Ingestion: Irritating to mouth, throat and stomach

4.3 Indication of immediate medical attention and special treatment needed, if necessary
Treat symptomatically

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical
Product is not considered flammable

5.3 Special protective actions for fire-fighters
In case of burning material wear self contained breathing apparatus and protective clothing with full face shield.

Further information
Flashpoint: 469F, 243C
Hazardouus Combustion Products: Carbon Dioxide and Carbon Monoxide

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

6.2 Environmental precautions
See Section 12 for additional ecological information.

6.3 Methods and materials for containment and cleaning up
Sweep up any excess product and put into appropriate container for disposal in accordance with local, state and federal regulations as a non-toxic waste.

Reference to other sections
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Use in well ventilated area.
Wear protective gloves and eye protection.
Do not eat, drink or smoke while using this product.
Wash hands after mixing product.
Use dust mask if grinding, sanding or cutting cured product.
Keep away from small children
Keep away from pets

7.2 Conditions for safe storage, including any incompatibilities
Store in a cool, dry safe area above 50F and below 90F.
Keep away from food and drink while mixing.
Reseal opened packages in a tightly closed container.

Specific end use(s)
Household general repairs

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

CAS: (not specified)
Soapstone
Cal/OSHA: See Annotated Z-3 PEL inhalation; NIOSH: See Annotated Z-3 REL inhalation; OSHA: See Annotated Z-3 ppm PEL inhalation; See Annotated Z-3 mg/m3 PEL inhalation

CAS: 14807-96-6
Silicates (less than 1% crystalline silica), Talc (containing no asbestos), respirable dust
Cal/OSHA: See Annotated Z-3 PEL inhalation; NIOSH: See Annotated Z-3 REL inhalation; OSHA: See Annotated Z-3 ppm PEL inhalation; See Annotated Z-3 mg/m3 PEL inhalation

CAS: 25068-38-6
EPOXYRESIN, reaction product: BISPHENOL-A(EPICHLOROHYDRIN), average molecule wei

8.2 Appropriate engineering controls
Good ventilation should be used in genral use of mixing and applying product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Wear eye/face protection where appropriate

Skin protection
Wear protective gloves and clothing

Body protection
Wear protective gloves/clothing
Wear eye/face protection

Respiratory protection
None required unless sanding , drilling or grinding cured product.

Thermal hazards
No data available.

Control banding approach
No data available.

Environmental exposure controls
Not applicable

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Semi solid, clay like texture
Odor	Mild nuetral
Odor threshold	No information available
pH	No data available
Melting point/freezing point	Not established
Initial boiling point and boiling range	No data available
Flash point	469F, 243C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.94
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	>300F
Viscosity	No data available
Explosive properties	Not explosive
Oxidizing properties	No data available

Other safety information
No additional safety information

SECTION 10: Stability and reactivity

10.1 Reactivity
None under normal use conditions.

10.2 Chemical stability
Stable under recommended storage conditions

10.3 Possibility of hazardous reactions
Will not occur

10.4 Conditions to avoid
None under normal use conditions.

10.5 Incompatible materials
Strong acids, strong oxidizing agents

10.6 Hazardous decomposition products
None under normal storage and use conditions

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
No data available, no hazards expected

Skin corrosion/irritation
May cause skin irritation with prolonged contact

Serious eye damage/irritation
Direct contact to the eyes may cause irritation

Respiratory or skin sensitization
May cause skin irritation with prolonged contact. Not considered a respiratory irritant

Germ cell mutagenicity
No specific data

Carcinogenicity
No data available.

Reproductive toxicity
No data available.

Summary of evaluation of the CMR properties
No known effects or critical hazards

STOT-single exposure
No specific data available

STOT-repeated exposure
No specific data available

Aspiration hazard
Not an aspiration hazard

Additional information

Component Information
Chemical Name Oral LD50
Bisphenol A - Epichlorohydrin polymer 25068-38-6: = 11400 mg/kg (Rat)

This product contains components in a non-respirable form. Inhalation of
of listed components is unlikely to occur from exposure to this product.

SECTION 12: Ecological information

Toxicity
No data available.

Persistence and degradability
Not biodegradable

Bioaccumulative potential
Not biodegradable

Mobility in soil
No data available.

Results of PBT and vPvB assessment
No specific data available

Other adverse effects
No known significant effects

SECTION 13: Disposal considerations

Disposal of the product
This product as supplied is not a hazardous waste in accordance with Federal regulations (40 CFR 261)

Disposal of contaminated packaging
Dispose of in accordance with all applicable local, state, federal and international regulations.

Waste treatment
Not applicable

Sewage disposal
Not applicable

Other disposal recommendations
Handle with proper hygiene practice. Refer to Sec 7 for protective measures.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components
Common name: TALC (NOT CONTAINING ASBESTOS FIBERS)
CAS number: 14807-96-6

Pennsylvania Right To Know Components
Chemical name: Talc
CAS number: 14807-96-6

15.2 Chemical Safety Assessment
United States

U.S. Federal regulations TSCA 8(a) PAIR: Siloxanes and Silicones, reaction products with silica
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): All components are listed or exempted.
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed
Clean Air Act Section 602 Class I Substances: Not listed
Clean Air Act Section 602 Class II Substances: Not listed
CWA (Clean Water Act) (40 CFR 122.21 and 40 CFR 122.42): Not Listed
SARA 302/304 Composition/information on ingredients: No products were found
SARA 304 RQ: Not applicable
SARA 311/312 Hazard Categories Acute Health Hazard: Yes

California Prop 65 This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. (Talc, not containing asbestos fibers and crystalline silica, non-respirable)

International regulations
Country(s) or region Inventory Name On inventory list (yes/no)*
Canada (DSL) Yes
Australia (AICS) Yes
China (IECSC) Yes
United States & Puerto Rico (TSCA) Yes

WHMIS: D2B

HMIS Rating

Mixture	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

NFPA Rating

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Advanced Protective Technologies LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Advanced Protective Technologies LLC has been advised of the possibility of such damages.