MATERIALSAFETYDATASHEET

SECTION1.CHEMICALPRODUCTANDCOMPANYIDENTIFICATION

Manufacturer'sName:SPI (Screen Printing Inks)
(86) 3A El-Faroukya Towers
Gesser El Suez st.,
El Nozha,
Cairo,Egypt
TelephoneNumber:(+2)02 262 11 617 / 8
Mobile Number: (+2) 0122 55 88 343

TradeName:ExcaliburDirectPrintPhthalate-FreePlastisolInks
Codes:G200-S200-I200-G800Reducer(40,25,70)-G803Extender Base-G504 Base-G505 Base-G551 Base-G High Stretch -G1600 High Density-G802 JELL-G802 Metalic-G500 Gold-G500 Silver
ChemicalFamily: Plastisol
ProductUse: Screenprintingink
WHMISClassification: Notcontrolled

SECTION2.COMPOSITIONANDINFORMATION ONINGREDIENTS

Ingredients	Percentage	TLV(ppm)	CAS#
PlasticizerPhthalateFree	30-40%		166412-78-8
Fume silica	1-5%		112945-52-5
PVCresin	30-40%		9002-86-2
TitaniumDioxide	5-40%		13463-67-7
Organicpigment	10-20%		Mixture

Compositioncomments: Theseproductsdonotcontainanyknowncurrentlylistedhazardousmaterials nordotheycontainanycarcinogenicorsuspectedcarcinogenicagents.

Therearenohazardousingredientsasdefinedunder OSHARegulations29CFR 1910.1200

SECTION3.HAZARDSIDENTIFICATION

PrimaryRoutesofExposure: Potentialroutesofoverexposuretotheseproductsareskincontactand inhalationoffumesduringheatprocessing.

EffectsofOverexposure: Fumesemitteddduringfusionmayirritateeyes,skinorrespiratorytract.

ChronicEffects: Skinsensitizationandallergenicreactionsmayoccurincertainindividualsinslight cases.

SynergisticProducts: Noneknown

SECTION4.FIRSTAIDMEASURES

EyeContact: Immediatelyflusheyeswithwaterfor15minutes.

SkinContact: Removeexcessmaterialfromskinandwashwithsoapandwater.

Inhalation: Removetofreshairimmediately.

Ingestion: Getimmediatemedicalattentionandadvice.

SECTION5.FIREFIGHTINGMEASURES

FlammabilityProperties

FlashPoint(Closed Cup),°C: 227

HazardousCombustionProducts: OxideofCarbon, HydrochloricAcid

ExplosionLimits: Notapplicable

Explosion Data: Notapplicable

ExtinguishingMedia:CO_2,DryChemical,Foam

SpecialFireFightingProcedures: Avoidbreathingcombustionproductoruseself-containedbreathing apparatus.

UnusualFireandExplosionHazards: Containermayexplodewhensubjectedtoextremeconditions andtemperatures.

SECTION6.ACCIDENTALRELEASEMEASURES

ProcedureifMaterialisSpilledorReleased: Scoopmaterialintoaclean,properlylabeledcontainerfor disposalandabsorbremainderwithinertmaterial.

SECTION7.HANDLINGANDSTORAGE

Handling: Handleandopencontainerswithcare.Avoideyecontact.Avoidexcessiveorrepeatedskin contact.Keepthecontainersclosedwhennotinuse.

Storage: Keepthecontainertightlyclosedinacool,dry,well-ventilatedarea,awayfromoxidizingand combustiblematerials.

SECTION8.EXPOSURECONTROLS/PERSONALPROTECTION

RespirationProtection: Notrequiredwithnormaladequateventilation

Ventilation: Exhaustsystemsufficienttoremovevapoursreleasedduringfusionprocess

Engineering Controls: Not necessary

PersonalProtectiveEquipment(PPE)

SkinProtection: Nitrileglovesifcontinualcontactislikely

Footwear: Sneakers

Clothing: Nitrilesmockifavailable

RespiratoryProtection: Notrequiredwithnormaladequateventilation

PersonalHygiene:Avoidbreathingfumesduringfusionprocess.Washhandsbeforeeating. Wash contaminatedclothingbeforereuse. Normalwashingwillbesufficient.

SECTION9.PHYSICALANDCHEMICALPROPERTIES

AppearanceandOdor: Creampastewithslight odour

Boiling Range, ºC:260

VaporPressure(mmHg@20°C):<0.001@38°C

VaporDensity(Air= 1): Heavierthanair

SpecificGravity(Water= 1):1–1.5

Solubilityinwater: Insoluble

PercentVolatilebyvolume: Notapplicable;Doesnotcontainanyvolatileorganiccompounds

HazardousAirpollutant: DoesnotcontainanyHAP'sinaccordancewithUSEnvironmentalrequirement list

pH:7-6.8

SECTION10.STABILITYANDREACTIVITY

ChemicalStability: Stable

Incompatibility(materialsto avoid): Oxidizingmaterialcancausereaction

ConditionsofReactivity: Prolongedexposuretotemperatures@300°C,Productstableatambient temperature

HazardousDecomposition: Notestablished

SECTION11.TOXICOLOGICALINFORMATION

Thereisnoknownpublisheddataavailableforthisproduct.

SECTION12.ECOLOGICALINFORMATION

Thereisnoknownpublisheddataavailableforthisproduct..

SECTION13.DISPOSALCONSIDERATIONS

WasteDisposalMethod: DisposeofinaccordancewithallLocal,ProvincialandFederalRegulations.

SECTION14.TRANSPORT INFORMATION

EgyptianTDGShippingDescription: Notregulated

USDOT Classification: Notregulated
IATA: Notclassifiedasdangerousgoods

SECTION15.REGULATORYINFORMATION

U.S.TSCAInventoryStatus: AllcomponentsoftheseproductsareeitherontheToxicSubstances ControlAct(TSCA)InventoryList orexempt.

USEPACERCLAHazardousSubstances(40CFR302): Notapplicable

CaliforniaProposition 65: Not applicable

SARATitleIIISection 302ExtremelyHazardousSubstances: Not applicable

SARATitleIIISection 313ToxicChemicals: Notapplicable

DSL Inventory Status: All components of these products are either on the Domestic SubstancesList(DSL),theNon-DomesticSubstancesList(NDSL)orexempt.

NationalPollutantReleaseInventory(NPRI): Notapplicable

DSL: Allcomponentsofthisproduct areon SubstanceList

Note: Notavailable

HAZARDOUSMATERIALINFORMATIONSYSTEM:

Health:	**1**
Flammability:	**0**
Reactivity:	**0**
PersonalProtection:	**A**

SECTION16.OTHERINFORMATION

DISCLAIMER:Allinformationpresentedhereinis given ingoodfaithand isbasedonsourcesandtests areconsideredtobereliablebutcannotbeguaranteed.Itis theuser'sfullresponsibility toacceptriskfor thesafety,toxicity,handling,storage,anduseoftheproductas wellastodeterminethesuitability ofthis productforaspecificpurpose.We canmakenowarrantyastotheresultstobeobtainedinusingthe product.Thereforetheusermust assumeallrisk.

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MSDSPreparedby:

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